N00213.AR.000693
NAS KEY WEST
5090.3a

POST STORM SURGE REPORT FOR SOLID WASTE MANAGEMENT UNITS 1, 2, 4 AND 5 WITH TRANSMITTAL LETTER NAS KEY WEST FL

12/21/2007

TETRA TECH NUS

TETRA TECH

AIK-07-0490

December 21, 2007

Project Number 00486 *via U.S. Mail*

Commander
Department of the Navy
NAVFAC SE
ATTN: Harold McGill (Code OPAEVR)
P.O. Box 190010
North Charleston, South Carolina 29419-9010

Reference: CLEAN Contract No. N62467-04-D-0055
Contract Task Order No. 0044

Subject: Post Storm Surge Evaluation Report for SWMUs 1, 2, 4, and 5, Rev. 0, Naval Air Station, Key West, Florida

Dear Mr. McGill:

I have enclosed a CD containing the PDF file for the Post Storm Surge Evaluation Report for SWMUs 1, 2, 4, and 5, Rev. 0 Naval Air Station (NAS), Key West, Florida. The file is being distributed to the members of the NAS Key West Partnering Team via U. S. Mail for their convenience and to meet TtNUS's contractual obligation under CTO 0044. I am not expecting to receive any comments on this document as it incorporates the discussions and decisions made by the NAS Key West Tier 1 Partnering Team during its previous three meetings.

Please call me at (803) 641-4943, if you have any questions regarding the enclosed document.

Sincerely,

C. M. Bryan
Project Manager

CMB:spc

c: Ms. Debra M. Humbert (Cover Letter Only)
Mr. R. Courtright, NAS Key West
Mr. R. Demes, NAS Key West
Mr. V. Venkatesh, CCI
Ms. T. Bolaños, FDEP
Mr. M. Perry/File
Files 00486-7.2.1

Tetra Tech NUS, Inc.
900 Trail Ridge Road, Aiken, SC 29803
Tel: 803.649.7963 Fax: 803.642-8454 www.tetratech.com

Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62467-04-D-0055

Rev. 0
12/21/07

Post Storm Surge Evaluation Report for SWMUs 1, 2, 4, and 5

Naval Air Station Key West
Key West, Florida

Contract Task Order 0044

December 2007

NAVFAC
Naval Facilities Engineering Command
Southeast
2155 Eagle Drive
North Charleston, South Carolina 29406

TETRA TECH NUS, Inc.

Rev. 0
12/21/07

POST STORM SURGE EVALUATION REPORT FOR SWMUs 1, 2, 4, AND 5

NAVAL AIR STATION KEY WEST, FLORIDA

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
Naval Facilities Engineering Command, Southeast
2155 Eagle Drive
North Charleston, South Carolina 29406

Submitted by:
Tetra Tech NUS
661 Andersen Drive
Foster Plaza 7
Pittsburgh, Pennsylvania 15220

CONTRACT NUMBER N62467-04-D-0055
CONTRACT TASK ORDER 0044

DECEMBER 2007

PREPARED UNDER THE SUPERVISION OF:

CHUCK BRYAN
TASK ORDER MANAGER
TETRA TECH NUS
AIKEN, SOUTH CAROLINA

APPROVED FOR SUBMITTAL BY:

DEBRA M. HUMBERT
PROGRAM MANAGER
TETRA TECH NUS
PITTSBURGH, PENNSYLVANIA

TABLE OF CONTENTS

SECTION **PAGE**

LIST OF ACRONYMS AND ABBREVIATIONS....VII

1.0 INTRODUCTION AND BACKGROUND....1-1

1.1 PURPOSE AND SCOPE OF REPORT....1-1
1.2 SITE BACKGROUND AND HISTORY....1-1
1.2.1 SWMU 1....1-2
1.2.2 SWMU 2....1-2
1.2.3 SWMU 4....1-3
1.2.4 SWMU 5....1-4

2.0 SAMPLING METHODOLOGY....2-1

2.1 SWMU 1....2-1
2.2 SWMU 2....2-2
2.3 SWMU 4....2-2
2.4 SWMU 5....2-2

3.0 RESULTS AND DISCUSSION....3-1

3.1 SWMU 1....3-2
3.1.1 Surface Water....3-2
3.1.2 Sediment....3-2
3.1.3 Conclusions....3-4
3.2 SWMU 2....3-5
3.2.1 Surface Soil....3-5
3.2.2 Surface Water....3-6
3.2.3 Sediment....3-6
3.2.4 Conclusions....3-8
3.3 SWMU 4....3-9
3.3.1 Surface Soil....3-9
3.3.2 Surface Water....3-9
3.3.3 Sediment....3-9
3.3.4 Conclusions....3-9
3.4 SWMU 5....3-9
3.4.1 Surface Soil....3-9
3.4.2 Surface Water....3-10
3.4.3 Sediment....3-10
3.4.4 Conclusions....3-11

4.0 SUMMARY....4-1

4.1 SWMU 1....4-1
4.2 SWMU 2....4-2
4.3 SWMU 4....4-3
4.4 SWMU 5....4-3

REFERENCES....R-1

APPENDICES

A DATA VALIDATION REPORTS
B FIELD LOG SHEETS

TABLE OF CONTENTS (CONTINUED)

LIST OF TABLES

NUMBER **PAGE**

3-1 Chemicals Detected In SWMU 1 Surface Water During Post Storm Surge Sampling (November 2006) 3-12
3-2 Chemicals Detected In SWMU 1 Surface Water During Post Storm Surge Sampling (May 2007) 3-14
3-3 Chemicals Detected In SWMU 1 Sediment During Post Storm Surge Sampling (November 2006) 3-16
3-4 Chemicals Detected In SWMU 1 Sediment During Post Storm Surge Sampling (May 2007) 3-26
3-5 Chemicals Detected In SWMU 2 Surface Soil During Post Storm Surge Sampling (November 2006) 3-31
3-6 Chemicals Detected In SWMU 2 Surface Water During Post Storm Surge Sampling (November 2006) 3-45
3-7 Chemicals Detected In SWMU 2 Sediment During Post Storm Surge Sampling (November 2006) 3-46
3-8 Chemicals Detected In SWMU 4 Surface Soil During Post Storm Surge Sampling (November 2006) 3-52
3-9 Chemicals Detected In SWMU 5 Surface Soil During Post Storm Surge Sampling (November 2006) 3-53
3-10 Chemicals Detected In SWMU 5 Surface Water During Post Storm Surge Sampling (November 2006) 3-54
3-11 Chemicals Detected In SWMU 5 Sediment During Post Storm Surge Sampling (November 2006) 3-55

LIST OF FIGURES

NUMBER **PAGE**

1-1 Location Map 1-6
2-1 SWMU 1 Sample Locations 2-4
2-2 SWMU 2 Sample Locations 2-5
2-3 SWMU 4 Sample Locations 2-6
2-4 SWMU 5 Sample Locations 2-7
3-1 SWMU 1 Surface Water Performance Monitoring Exceedances 3-58
3-2 SWMU 1 Surface Water Storm Surge Sample Exceedances 3-59
3-3 SWMU 1 Sediment Performance Monitoring Exceedances 3-60
3-4 SWMU 1 Sediment – East Storm Surge Sample Exceedances 3-61
3-5 SWMU 1 Sediment – West Storm Surge Sample Exceedences 3-62
3-6 SWMU 2 Soil Storm Surge Sample Exceedances 3-63
3-7 SWMU 2 Surface Water Performance Monitoring Exceedances 3-64
3-8 SWMU 2 Sediment Performance Monitoring Exceedances 3-65
3-9 SWMU 2 Sediment Storm Surge Sample Exceedances 3-66
3-10 SWMU 5 Soil Storm Surge Sample Exceedances 3-67
3-11 SWMU 5 Surface Water Performance Monitoring And Storm Surge Sample Exceedances 3-68
3-12 SWMU 5 Sediment Performance Monitoring And Storm Surge Sample Exceedances 3-69
3-13 SWMU 1 Proposed Site Boundary 3-70
3-14 SWMU 2 Proposed Site Boundary 3-71

LIST OF ACRONYMS AND ABBREVIATIONS

AIMD	Aircraft Intermediate Maintenance Department
BEI	Bechtel Environmental, Inc.
B&RE	Brown & Root Environmental
BHC	Benzene Hexachloride
BRAC	Base Realignment and Closure
CLEAN	Comprehensive Long-Term Environmental Action, Navy
CTL	Cleanup Target Level
CTO	Contract Task Order
4,4'-DDD	4,4'-dichlorodiphenyl dichlorethane
4,4'-DDE	4,4'-dichlorodiphenyl dichloroethylene
4,4'-DDT	4,4'-dichlorodiphenyl trichloroethane
FAC	Florida Administrative Code
GPS	Global Positioning System
HSWA	Hazardous and Solid Waste Amendments
IR	Installation Restoration
IRA	Interim Remedial Action
LUC	Land Use Control
µg/kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
NAS	Naval Air Station
NAVFAC SE	Naval Facilities Engineering Command, Southeast
PAH	Polynuclear Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
RCRA	Resource Conservation and Recovery Act
PMP	Performance Monitoring Plan
RCRA	Resource Conservation and Recovery
RFI/RI	RCRA Facility Investigation/ Remedial Investigation
SSI	Supplemental Site Inspection
SVOC	Semivolatile Organic Compound
SWMU	Solid Waste Management Unit
TAL	Target Analyte List
TCL	Target Compound List
TtNUS	Tetra Tech NUS
VOC	Volatile Organic Compound

1.0 INTRODUCTION AND BACKGROUND

Tetra Tech NUS, Inc. (TtNUS) has been contracted by the Department of the Navy, Naval Facilities Engineering Command Southeast (NAVFAC SE) to perform sampling and evaluation of post-Hurricane Wilma storm surge conditions at Solid Waste Management Units (SWMUs) 1, 2, 4, and 5 at Naval Air Station (NAS) Key West, Florida. This report was prepared under the Comprehensive Long-Term Environmental Action, Navy (CLEAN) Contract Number N62467-04-D-0055, Contract Task Order (CTO) Number 044. The report evaluates the results of sampling events that occurred in November 2006 and May 2007.

1.1 PURPOSE AND SCOPE OF REPORT

On October 24, 2005, Hurricane Wilma passed about 70 miles north of Key West, Florida. The storm surge accompanying the hurricane's passage temporarily inundated SWMUs 1, 2, 4, and 5, and could have redistributed some contaminants at the SWMUs. If so, on-site contaminant concentrations could be altered, and/or contaminants could be spread beyond existing site boundaries and Land Use Control (LUC) areas as a result of the storm surge. At the Navy's request, samples were collected in November 2006 from SWMUs 1, 2, 4, and 5 to evaluate the magnitude and extent of the possible spread of contamination resulting from the storm surge. Additional sampling was conducted at SWMU 1 in May 2007 to further identify the extent of contamination.

As directed in the work plan promulgated for the post storm surge sampling effort (TtNUS, 2006), this report evaluates the results of the sampling, and includes:

- a comparison of the data to the historic data at the SWMUs and to NAS Key West action levels
- an evaluation of storm surge impacts on the nature and extent of contamination
- recommendations regarding further investigative or remedial activities.

1.2 SITE BACKGROUND AND HISTORY

Several installations in various parts of the lower Florida Keys comprise NAS Key West. The Navy manages over 5,000 acres of land divided into 20 separate tracts in the lower Florida Keys concentrated around Key West and Boca Chica Key in southern Monroe County (B&RE, 1998). SWMUs 1, 2, 4 and 5 are located on Boca Chica Key (Figure 1-1). Key West, one of the two most western major islands of the Florida Keys, is approximately 150 miles southwest of Miami, Florida. Key West connects to the mainland by the Overseas Highway (U.S. Highway 1). The environmental setting at Key West is described in Supplemental Site Inspection (SSI) Work Plan for Base Realignment and Closure (BRAC) Parcels at Truman Annex (TtNUS, 1999). The background and history of SWMUs 1, 2, 4, and 5 are explained in the following sections.

1.2.1 SWMU 1

SWMU 1, the former Boca Chica Open Disposal Area, is located on the southeastern portion of Boca Chica Key, between Stone Road and the mangrove swamp along Geiger Creek and the Atlantic Ocean. It was used as an open disposal area and for burning of general refuse and waste associated with aircraft maintenance activities from 1942 to the mid-1960s. It is estimated that 2,600 tons of waste were disposed of or burned each year at the SWMU 1 site. Possible wastes include oil, hydraulic fluid, paint thinner, and solvents. Sampling was performed in 1986, 1990, 1995 and 1996 to characterize the contamination. In 1996, an interim removal action (IRA) was performed to remove debris and soil from the site to control the source and spread of contamination. A baseline human health risk assessment (BRA) and an ecological risk assessment were performed in 1997 as part of a Supplemental Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI)/Remedial Investigation (RI) for High-Priority Sites (B&RE, 1997). The BRA identified a carcinogenic risk for the hypothetical future resident from aroclor-1260 in surface soil, and benzo(a)pyrene and arsenic in surface soil and sediment. The metals iron and manganese were identified as contributing to non-carcinogenic risk in surface soils. The ecological risk assessment concluded that ecological risks were marginal, but metals, polynuclear aromatic hydrocarbons (PAHs), and dichlorodiphenyl dichloroethane (DDT) and its metabolites might pose risks to some receptors. A remedy implementation which involved LUCs with monitoring was designed to ensure protection of human health and the environment by restricting future site use and accessibility, educating NAS personnel, and maintaining records of contamination.

To implement the monitoring program for the corrective measure, groundwater, surface water, and sediment samples were collected quarterly from April 2000 to January 2001, and annually from 2002 though 2007 in accordance with the Performance Monitoring Plan (PMP) (TtNUS, 2000) and the PMP Addendum (TtNUS, 2002). Performance monitoring has consisted of groundwater samples from three monitoring wells, three surface water and sediment samples from within the site boundary, and two surface water and sediment samples collected east of the site. Performance monitoring samples are analyzed for Appendix IX volatile organic compounds (VOCs), Appendix IX semivolatile organic compounds (SVOCs), Appendix IX pesticides, and Target Analyte List (TAL) metals, except that sediment and surface water samples are not analyzed for Appendix IX VOCs. Historically, several metals, SVOCs, and pesticides have exceeded their action levels in sediment. However, concentrations have tended to decline in sediment samples since 2003. Surface water exceedances of action levels have been variable.

1.2.2 SWMU 2

SWMU 2, the former Boca Chica DDT Mixing Area, is located in the central portion of Boca Chica Key. Building 915, which was used for the storage and mixing of pesticides at the site, has been demolished and the site is now vacant. SWMU 2 is surrounded by runways and taxiways. Runoff from the site goes to a manmade ditch that connects with a lagoon and a pond. Sampling was conducted at the site in

1986, 1990, 1993 and 1995 during a series of remedial investigations. Pesticide contamination was identified in all media and the RFI/RI recommended further sampling and analysis to adequately delineate this contamination. In addition, the report recommended an IRA to prevent further migration of soil contamination to surrounding water bodies. The primary chemicals of concern were DDT, DDE and DDD, while lead was a secondary concern. A Remediation Work Plan for contaminated soil and sediment removal was prepared. Delineation sampling was performed to establish cleanup boundaries, nearly doubling the size of the planned soil excavation. An IRA was performed in 1995 in which contaminated soil and sediment were removed to help control the source and spread of contamination. In 1997, a BRA and ecological risk assessment were performed as part of the Supplemental RFI/RI. The BRA identified a carcinogenic risk for future residents, the trespasser adult scenario, and the trespasser adolescent scenario in the risk management range (i.e., below or within the 1E-04 to 1E-06 target risk range). The ecological risk assessment concluded that sediment concentrations of DDT and metabolites DDD and DDE posed potential risk to some receptors. A Corrective Measures Study (CMS) was performed to determine the appropriate remedy for the site. Institutional Controls, consisting of LUCs with monitoring, were chosen as the remedy for the site. The LUCs were designed to ensure protection of human health and environment by restricting future site use and accessibility, educating NAS personnel, and maintaining records of contamination.

To implement the monitoring program for this corrective measure, groundwater, surface water, and sediment samples were collected quarterly from April 2000 to January 2001, and annually from 2002 though 2007. Performance monitoring has consisted of groundwater samples from three monitoring wells, four surface water/sediment pairs collected from the ditch immediately south of the former DDT mixing area, and one surface water/sediment sample from the ditch that extends into the small pond south of the site. Samples during the first two quarterly events were analyzed for Appendix IX VOCs, SVOCs, pesticides and TAL metals. During subsequent events, samples were analyzed for pesticides and metals only. In general, contaminant concentrations in surface water, sediment, and groundwater have been relatively stable since 2003.

1.2.3 SWMU 4

SWMU 4, Aircraft Intermediate Maintenance Department (AIMD) Building A-980, is located in the northwestern portion of Boca Chica Key. The building was constructed in the late 1960s and provides electronics maintenance support to aircraft. A lagoon that is hydrologically connected to Florida Bay lies on the west, north, and east sides of the building. A small stormwater drainage ditch is located south of the building. Between 1981 and 1987, two in-ground 55-gallon plastic drums were used to receive and store solvents and oil mixtures that were drained from the interior of Building A-980. The two drums were gravity-fed by a piping system that drained various mixtures from the interior of the building. In December

1989, both drums were removed and stained soil surrounding and under each drum was excavated and disposed off-site (IT, 1994).

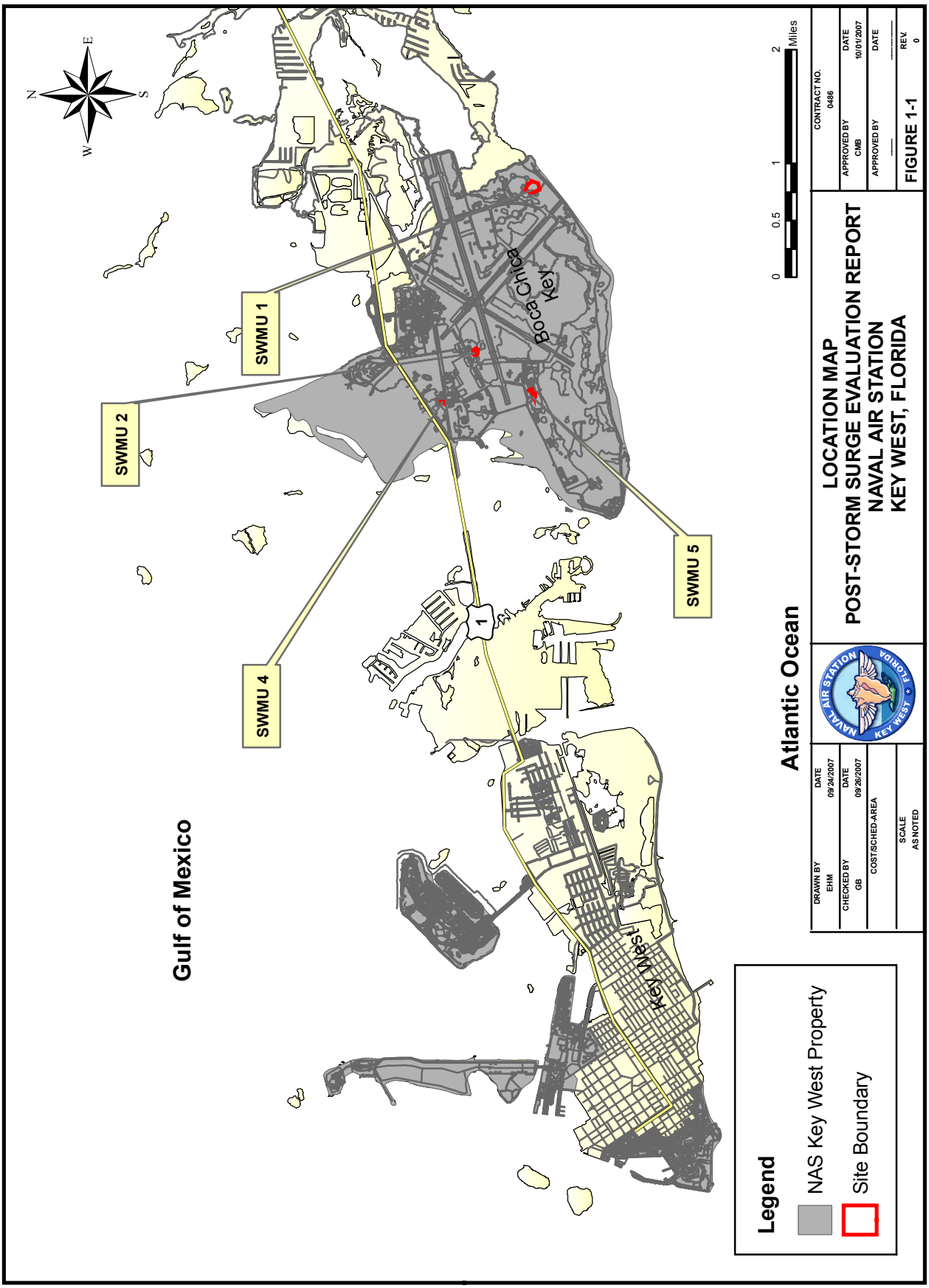
Initial sampling at SWMU 4 was performed in conjunction with the removal of the in-ground drums and surrounding soil in December 1989. Analysis indicated soil contamination from metals and petroleum hydrocarbons in the area of both drums. Subsequently, an RFI/RI was performed that included soil, sediment, surface water, and groundwater sampling. Characterization of releases at the site indicated that contamination did not appear to be the result of on-site waste disposal operations (IT, 1994). The Supplemental RFI/RI determined that low levels of metals and organic compounds at SWMU 4 did not pose ecological risks or adverse health effects to current human receptors. However, risk for the future resident exposure scenario slightly exceeded carcinogenic and non-carcinogenic risk benchmarks established by EPA and FDEP (B&RE, 1998). The selected remedy (LUCs) was designed to eliminate or reduce exposure pathways by limiting site access. Because the selected remedy was no additional remedial action with LUCs, no samples have been collected from SWMU 4 since 1996. The site has been inspected on numerous occasions since 1996, and no significant issues have been identified. Since access to the base is restricted, potential access by trespassers is minimal.

1.2.4 SWMU 5

SWMU 5, the former AIMD Sand Blasting area, is adjacent to Building A-990 near the western end of the airfield on Boca Chica Key. Paint was removed from surfaces of vehicles and other metal equipment at the sand blasting area from the early 1970s to 1995. Paint particles and other material removed during the sand blasting are believed to be the source of contamination. Immediately south of the former sand blasting area is a concrete ditch that collects stormwater runoff from the AIMD area and transports it westward. The concrete ditch ends in a small grassy area approximately 300 feet west of the site. During heavy rainfall events, stormwater flows overland past this area to a shallow (2 feet deep) pond. The pond is connected by a culvert under a paved road to a large lagoon south of the road. The RFI/RI conducted in 1994 concluded that elevated concentrations of metals in surface water and sediment in the pond were probably the result of leaching or transport of waste material from the sandblasting area. The report recommended additional sampling of groundwater, surface water, and sediment, conducting an IRA to reduce migration of contamination, and performing a BRA (IT, 1994). Additional sampling was performed in 1996 as part of the Supplemental RFI/RI (B&RE, 1998). Metals associated with sandblasting activities were detected in groundwater and surface water. A BRA and ecological risk assessment were performed in 1997. The ecological risk assessment concluded that ecological risks were negligible. The BRA determined that contaminants were present at concentrations indicating possible adverse carcinogenic and non-carcinogenic health effects for future residents. A CMS was conducted in 1999 and recommended that Institutional Controls, consisting of LUCs with monitoring, was

the appropriate remedy for the site. The LUCs were designed to eliminate or reduce exposure pathways by limiting site access.

To implement the monitoring program, groundwater, surface water and sediment samples were collected quarterly for the first year beginning in 2000. Subsequent annual events have taken place since 2002 as recommended by the PMP. Performance monitoring has consisted one surface water/sediment sample collected from the small pond located within the boundary of the site, and two surface water/sediment pairs collected from the large lagoon south of the site. Groundwater sampling was discontinued after the first year of monitoring per recommendation of the Performance Monitoring Annual Report (TtNUS 2001). Surface water and sediment samples have been analyzed for TAL metals. Overall, no significant changes in surface water and sediment data have occurred since 2003.


Gulf of Mexico
Atlantic Ocean
Boca Chica Key
Key West
SWMU 1
SWMU 2
SWMU 4
SWMU 5
1
N
S
E
W
0
0.5
1
2
Miles
Legend
NAS Key West Property
Site Boundary
LOCATION MAP
POST-STORM SURGE EVALUATION REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
DRAWN BY EHM
DATE 09/24/2007
CHECKED BY GB
DATE 09/26/2007
COST/SCHED-AREA
SCALE AS NOTED
CONTRACT NO. 0486
APPROVED BY CMB
DATE 10/01/2007
APPROVED BY
DATE
REV 0
FIGURE 1-1

2.0 SAMPLING METHODOLOGY

Media sampled as part of the post-storm surge evaluation consisted of surface water and sediment at SWMU 1, and surface soil, surface water, and sediment at SWMUs 2, 4, and 5. Groundwater samples were not collected, since groundwater is being monitored under a separate program. A global positioning system (GPS) unit was used to document sample locations.

Surface soil samples were collected in accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs) (FDEP, 2002). Surface soil samples were collected using dedicated Teflon scoops.

Sediment samples were collected following FDEP SOPs. Sediment sampling equipment consisted of decontaminated stainless-steel bowls and spoons and Teflon scoops.

Surface water samples were collected following FDEP SOP FS2100. Surface water sampling equipment consisted of pre-cleaned non-preserved 1-liter and 500-ml containers. The containers were used to collect the sample directly from the surface water.

Samples were placed in a cooler on ice and sent to a fixed-base laboratory for analysis. Quality control samples (e.g., duplicates, equipment blanks) were prepared and also shipped to the laboratory. Sampling activities were documented in a site-specific field logbook and samples were transmitted under chain-of-custody protocol to the laboratory. Samples collected in November 2006 were analyzed by Empirical Laboratories of Nashville, Tennessee. Samples collected in May 2007 were analyzed by Accutest Laboratories in Orlando, Florida.

2.1 SWMU 1

During the first event (November 2006), surface water/sediment pairs were targeted for collection from 13 locations along the perimeter of SWMU 1. Surface water was not present at one location (S1-SW/SD-02), so a total of 13 sediment and 12 surface water samples were collected. Most samples were located approximately 50 feet from the boundary of the site; these are identified as SW/SD-1 through SW/SD-13 in Figure 2-1. The surface water and sediment samples were analyzed for pesticides (method SW-846 8081A), SVOCs (method SW-846 8270C), and TAL metals plus tin (method SW-846 6010B/7000A).

Analytical data from the November 2006 event indicated that site-related contamination might extend farther beyond the sample locations, so additional surface water/sediment pairs were collected in May 2007 farther outward from the site to determine the possible new site boundary (locations SW/SD-14 through SW/SD-24 in Figure 2-1). Eleven additional surface water/sediment pairs were targeted for

collection during the May 2007 sampling, but surface water was not present at four of the 11 sample locations, so a total of seven surface water and 11 sediment samples were collected. The May 2007 sediment samples were analyzed for pesticides, SVOCs, and TAL metals plus tin. The surface water samples collected in May 2007 were analyzed for TAL metals plus tin. Laboratory analytical methods for the May 2007 samples were the same as in November 2006.

2.2 SWMU 2

Thirteen surface water/sediment sample pairs were collected in November 2006 at SWMU 2. One surface water/sediment sample pair was collected from the ditch at the former DDT Mixing Area, two sample pairs were collected from the pond south of the site, and 10 pairs were collected from the large lagoon east of the site (Figure 2-2). In addition, 22 surface soil samples were collected from the area surrounding the former DDT Mixing Area, the large lagoon, and the pond to the south of the site (Figure 2-2). The "site boundary" shown in Figure 2-2 roughly defines the area that has historically been considered to encompass the area of site-related soil contamination. Although several sample locations are quite far from the site boundary, the sample locations were selected to evaluate whether the storm surge deposited site-related contaminants around the nearby lagoon and pond. The soil, surface water, and sediment samples were analyzed for pesticides, SVOCs, and TAL metals plus tin using the same analytical methods described in Section 2.1 for SWMU 1 samples.

2.3 SWMU 4

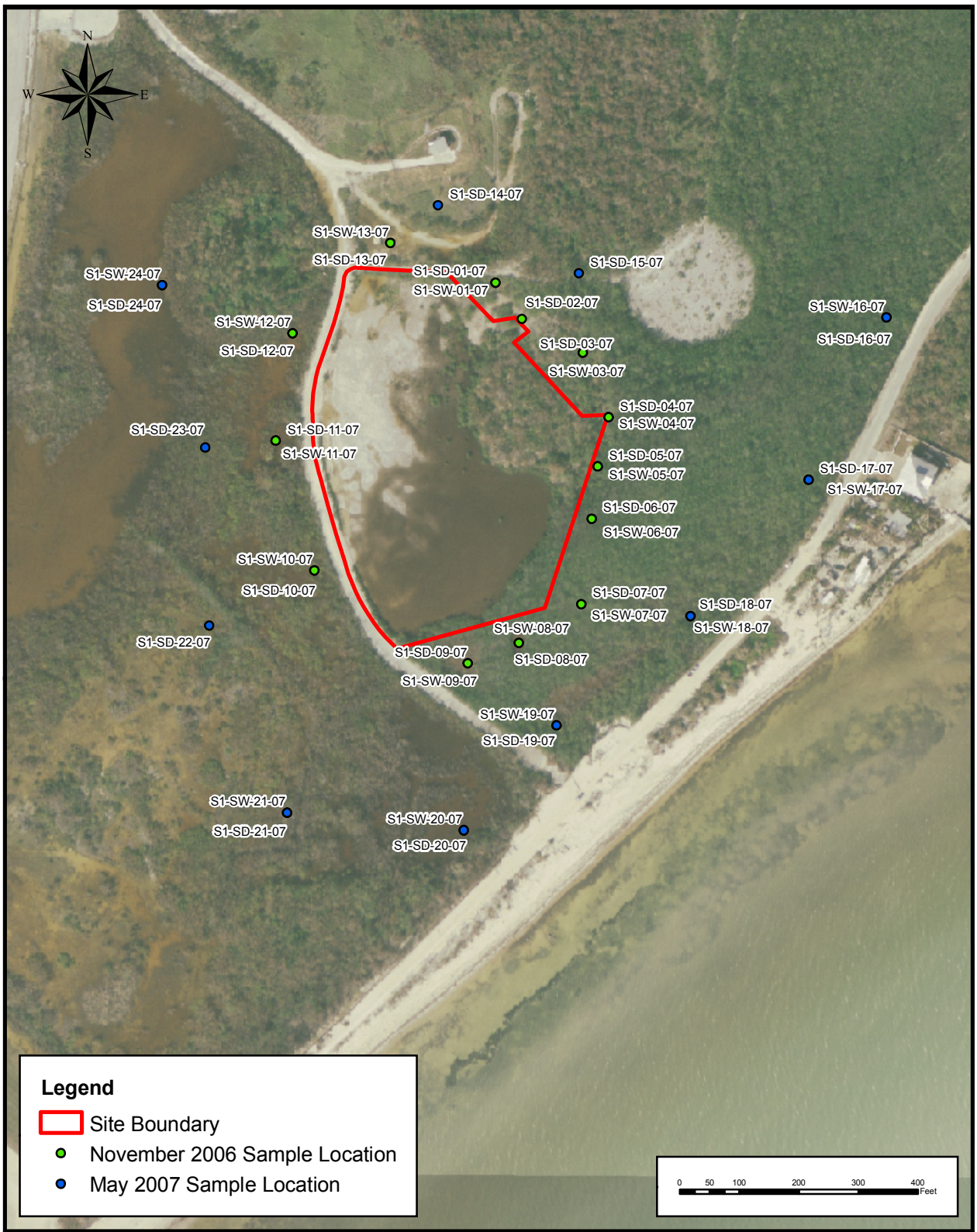
SWMU 4 was not included in the *Work Plan for Post Storm Surge Evaluation at SWMUs 1, 2 and 5* (TtNUS, 2006). After the work plan was prepared, however, the NAS Key West Partnering Team added SWMU 4 to the November 2006 sampling effort, and the sampling methodology at SWMU 4 followed that described at the beginning of this section.

Four sediment samples, four surface water samples, and six surface soil samples were collected at SWMU 4 during November 2006. Sediment samples were collected south of Building A-980 in the ditch that parallels Midway Avenue. Surface water samples were collected from the shallow lagoon north of the building. Surface soil samples were collected alongside the south edge of Building A-980 near the southwest corner of the building (Figure 2-3). The surface soil samples were analyzed for antimony, cadmium, and beryllium (method SW-846 6010B/7000). The surface water and sediment samples were analyzed for antimony (method SW-846 6010B/7000A).

2.4 SWMU 5

Seven surface water/sediment sample pairs were collected at SWMU 5 during November 2006. Two sample pairs were collected from the small pond southwest (down gradient) of the former sandblasting area, and five sample pairs were collected from the lagoon south of the site (Figure 2-4). Four surface

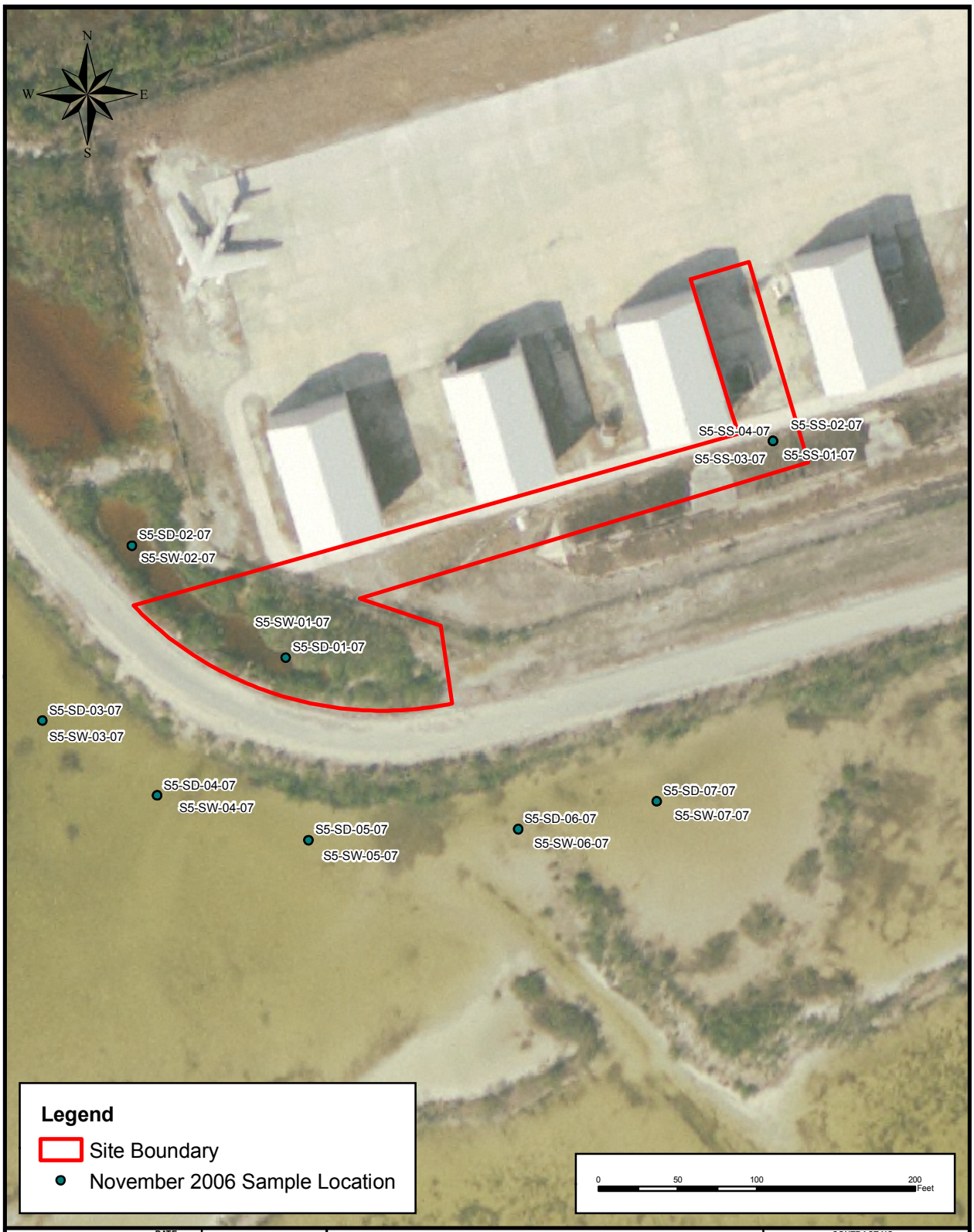
soil samples were collected on the north facing slope of a large berm immediately south of the concrete ditch and former sand blasting area. The four surface soil samples were centered on the approximate location of former sample location S5SB-1, where elevated concentrations of arsenic were detected in 1996. The surface water and sediment samples were analyzed for pesticides, SVOCs, and TAL metals plus tin using the same analytical methods previously described. The surface soil samples were analyzed for arsenic (method SW-846 6010B/7000A).



DRAWN BY EHM	DATE 10/17/2007	SWMU 1 SAMPLE LOCATIONS POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/19/2007		APPROVED BY CMB / DATE 10/26/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 2-1 / REV. 0

DRAWN BY: EHM	DATE: 10/17/2007	SWMU 2 SAMPLE LOCATIONS POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO.: 00486
CHECKED BY: MLW	DATE: 10/19/2007		APPROVED BY: CMB — DATE: 10/26/2007
COST/SCHED-AREA			APPROVED BY: ___ — DATE: ___
SCALE: AS NOTED			DRAWING NO.: FIGURE 2-2 — REV.: 0

DRAWN BY EHM	DATE 10/26/2007	SWMU 4 SAMPLE LOCATIONS POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/28/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY — / DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 2-3 / REV. 0



DRAWN BY: EHM	DATE: 10/17/2007	SWMU 5 SAMPLE LOCATIONS POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO.: 00486
CHECKED BY: MLW	DATE: 10/19/2007		APPROVED BY: CMB — DATE: 10/26/2007
COST/SCHED-AREA			APPROVED BY: ___ — DATE: ___
SCALE: AS NOTED			DRAWING NO.: FIGURE 2-4 — REV.: 0

3.0 RESULTS AND DISCUSSION

This section presents and discusses the results of the post storm surge sampling at SWMUs 1, 2, 4, and 5. The full laboratory analytical dataset is contained in Data Validation Reports as Appendix A. Field log sheets are contained in Appendix B.

Analytical results and chemical exceedances of action levels are summarized in Tables 3-1 through 3-11 and Figures 3-1 through 3-12. Action levels were determined for this report as follows. Surface water action levels were the higher of marine surface water cleanup target levels (CTLs) from Table 1 of Florida Administrative Code (FAC) 62-777 and NAS Key West background surface water values. Sediment action levels were the higher of marine sediment quality assessment guideline (SQAG) threshold effects levels (MacDonald, 1994) and NAS Key West background sediment values. Surface soil action levels for SWMU 4 and SWMU 5 were the higher of residential soil CTLs from Table 2 of FAC 62-777 and NAS Key West background soil values. Surface soil action levels for SWMU 2 were the higher of industrial soil CTLs from Table 2 of FAC 62-777 and NAS Key West background soil values.

In accordance with the PMP (TtNUS, 2000) and PMP Addendum (TtNUS, 2002), long-term performance monitoring is conducted annually at SWMUs 1, 2, and 5. Figures 3-1 and 3-3 (SWMU 1), Figures 3-7 and 3-8 (SWMU 2), and Figures 3-11 and 3-12 (SWMU 5) show exceedances of action levels from the annual performance monitoring samples collected in 2005, 2006, and 2007. It would not be practical for the figures to include all historical data, as numerous sampling events have been conducted since the 1980s. Thus, the figures include data from the three most recent performance monitoring events (2005-2007). Pre-2005 data can be found in two Supplemental RFI/RI reports (B&RE, 1997; 1998), in the Five Year Review Report (TtNUS, 2004), and in various performance monitoring reports (such as REA 2005; 2006; 2007).

An additional note regarding the long-term performance monitoring at SWMUs 1, 2, and 5 is in order. As first mentioned in Section 1.2, long-term monitoring has been conducted at these three sites since 2002 (quarterly for the first four events, and annually thereafter). The two most recent performance monitoring events occurred in January 2006 and January 2007, after the passage of Hurricane Wilma on October 24, 2005, and thus, are post storm surge sampling events. To avoid confusion, the term “post storm surge samples” is generally avoided in this section. Instead, the samples collected in January 2006 and January 2007 are generally referred to as “performance monitoring samples,” and the samples collected under the *Work Plan for Post Storm Surge Evaluation at SWMUs 1, 2 and 5* (TtNUS, 2006) are generally referred to by the month and year collected (November 2006 and May 2007).

Calcium, magnesium, potassium, and sodium were chemicals included in the suite of TAL metals for laboratory analyses. These chemicals are essential nutrients that can be tolerated by living systems even

at relatively high concentrations. There have been no activities at NAS Key West that have resulted in known releases of high levels of these four chemicals, and with the exception of sodium in groundwater, there are no NAS Key West action levels for them. Therefore, calcium, magnesium, potassium, and sodium are not considered to be chemicals of concern, and data for these four nutrients are not included in tables or figures in this report.

3.1 SWMU 1

3.1.1 Surface Water

In November 2006, metals detected at concentrations that exceeded action levels in surface water consisted of copper in four samples, iron in two samples, and lead in one sample; pesticides exceeded action levels only in sample S1-SW-01 (Table 3-1 and Figure 3-2). SVOCs were not detected in surface water collected in November 2006 or May 2007. Copper was the only analyte that exceeded its action level in surface water collected in May 2007; the two copper exceedances in May 2007 (15.8 µg/L and 20.2 µg/L) were similar to those in November 2006 (Table 3-2 and Figure 3-2). In both November 2006 and May 2007, no analytes exceeded action levels in surface water samples collected west of the gravel road that forms the western boundary of SWMU 1 (Figure 3-2).

Historically, surface water exceedances of action levels have been variable at SWMU 1, with no clear trends. In the three most recent performance monitoring events (2005-2007), aluminum, copper, iron, lead, nickel, silver, zinc, and alpha-BHC have exceeded action levels at one or more of five locations (Figure 3-1).

3.1.2 Sediment

While much of the area surrounding SWMU 1 is a low-lying mangrove swamp, some areas are a few feet higher in elevation than the swamp, and are only rarely (if ever) are covered by water. In an effort to obtain samples from throughout the area surrounding SWMU 1, a few “sediment” samples were collected in November 2006 and May 2007 from locations that do not typically contain standing water. Specifically, samples S1-SD-14, S1-SD-15, and S1-SD-22 consisted of fairly dry soil rather than sediment, and samples S1-SD-02 and S1-SD-23 were moist soil. Sample S1-SD-01 was collected from beneath approximately one inch of water, but the sample location appeared to be normally dry, and the standing water was probably a result of heavy rainfall on the previous day. This is significant for these six sample locations because many sediment action levels are based on sediment quality guidelines derived to be protective of benthic (sediment dwelling) invertebrates, and since benthic organisms are normally absent from areas not typically covered by water, soil action levels might be better guidelines than sediment action levels in determining potential risk for some “sediment” samples collected at SWMU 1. Because the extent to which these circumstances occurred in performance monitoring events and in other

historical samples is not known, and since the distinction between sediment and soil is not always clear (especially along the margins of the mangrove swamp), sediment action levels were used to evaluate the SWMU 1 data in this report regardless of whether the sample location was covered with water.

3.1.2.1 SVOCs

Several PAH compounds were detected above action levels during November 2006, but none in May 2007 (Tables 3-3 and 3-4). PAH concentrations were highest in S1-SD-08 at the southern end of the site (Figure 3-5), with an especially elevated concentration of pyrene (700,000 µg/kg). PAH concentrations were also elevated in samples S1-SD-01 and S1-SD-02 at the north end of the site (Figure 3-4). Although some PAHs exceeded action levels in other samples collected in November 2006, most concentrations were not particularly high.

PAHs were detected in only two of eight samples collected west of the gravel road that forms the western boundary of SWMU 1, and PAH concentrations in these two samples only slightly exceeded their action levels (Figure 3-4).

During the three most recent annual performance monitoring events (2005-2007), PAHs exceeded action levels at only one of five performance monitoring locations (Figure 3-3). The PAH concentrations in November 2006 samples S1-SD-01, S1-SD-02, and S1-SD-08 were much greater than in recent annual performance monitoring events. Prior to 2005, PAHs sporadically exceeded their action levels in sediment, with some concentrations similar to those at S1-SD-01 and S1-SD-02 in November 2006, but the November 2006 values at S1-SD-08 exceed any previous data at the site.

3.1.2.2 Pesticides

Concentrations of 4,4'-DDT and/or its close structural analogs (4,4'-DDE and 4,4'-DDD) exceeded their respective action levels in most samples collected in November 2006, and in four samples collected in May 2007. No other pesticides were detected in May 2007 samples. Gamma-BHC concentrations exceeded the action level in two samples collected in November 2006, and 10 pesticides were detected in November 2006 for which action levels have not been established (Table 3-3).

Concentrations of 4,4'-DDT and/or 4,4'-DDE and 4,4'-DDD were highest in samples S1-SD-01, S1-SD-02, S1-SD-14, and S1-SD-15 north of the site (Figures 3-4 and 3-5). Pesticides were not detected in samples S1-SD-021 through S1-SD-024 (the four samples farthest west of the gravel road that forms the western boundary of SWMU 1).

During the three most recent annual performance monitoring events (2005-2007), sporadic exceedances of action levels by 4,4'-DDT, 4,4'-DDE and 4,4'-DDD have occurred (Figure 3-3), and prior to 2005,

concentrations also sporadically exceeded their action levels. However, concentrations of 4,4'-DDE in S1-SD-14 (444 µg/kg, May 2007) and S1-SD-02 (310 µg/kg, November 2006) exceed previous concentrations observed at the site.

3.1.2.3 Metals

Arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc were detected above their action levels in one or more samples collected in November 2006 and May 2007 (Tables 3-3 and 3-4). Concentrations tended to be higher in November 2006 than in May 2007, but a notable exception was the maximum concentration of lead (9,160 mg/kg in S1-SD-14) in May 2007.

Copper and lead were the only metals that exceeded their action levels in sediment samples collected west of the gravel road that forms the western boundary of SWMU 1 (Figure 3-5), but the exceedances were very slight, and occurred in only one of eight samples west of the road.

Historically, several metals have exceeded their action levels in sediment, and during the three most recent annual performance monitoring events (2005-2007), sporadic exceedances of action levels by several metals have occurred (Figure 3-3). Concentrations of arsenic, copper, lead, and zinc tended to be greater in November 2006 and May 2007 than in the 2005-2007 performance monitoring samples.

3.1.3 Conclusions

Surface water data collected in November 2006, May 2007, and in performance monitoring events indicate that the storm surge did not impact site-related contamination of surface water. A possible exception to this is that surface water concentrations of 4,4'-DDD, 4,4'-DDE, and alpha-BHC were elevated in sample S1-SW-01, collected in November 2006. However, the pesticide concentrations in this sample are probably due more to their presence in the sediment sample collected at the same location than to the spread of surface water contaminants from other locations.

The sediment data indicate that the storm surge did not spread site-related contaminants to the area west of the gravel road that forms the western boundary of SWMU 1. Sediment data collected in May 2007 at four locations near Boca Chica Road southeast of SWMU 1 indicate that the storm surge did not spread site-related contaminants to the area near Boca Chica Road.

Sediment PAH concentrations were highly elevated in S1-SD-08 at the southern end of the site. Sediment PAH concentrations were also elevated in samples S1-SD-01 and S1-SD-02 north of the site. Concentrations of the pesticide 4,4'-DDT, 4,4'-DDE, and 4,4'-DDD were elevated in the same two samples (S1-SD-01 and S1-SD-02) as well as in S1-SD-14 and S1-SD-15 north of the site. Lead was also elevated in S1-SD-14. Concentrations of contaminants in these four samples pose no risk to benthic receptors, since the samples were collected from areas that are typically dry.

Sediment concentrations of some metals, PAHs, and pesticides in samples collected from the mangrove swamp slightly east of the SWMU 1 boundary exceeded action levels, and concentrations of arsenic, copper, lead, and zinc in these samples tended to be greater in November 2006 than in performance monitoring samples. Since sediment samples have not been collected from this area prior to November 2006, it is difficult to ascertain whether the elevated concentrations were due to the storm surge or to previous conditions. The remedial actions conducted at SWMU 1 in 1996 did not include the removal of surface debris in the mangrove swamp near the eastern edge of the site. Most of the visible debris consists of corroding metal. This debris might be a continuing source of soil and sediment contamination for metals and possibly for other long-lived contaminants such as pesticides.

Although it is not certain whether elevated concentrations of sediment contaminants in the mangrove swamp at SWMU 1 are due to the storm surge or to pre-existing landfill debris, the "site boundary" should be expanded to the north, east, and south where elevated concentrations were measured in November 2006. The western site boundary along the gravel road should remain unchanged, as sediment data indicate that the storm surge did not spread site-related contaminants to the area west of the gravel road.

The lead concentration in S1-SD-14, collected in May 2007 from an area that is typically dry, was 9,160 mg/kg. This concentration exceeds all sediment and soil guidelines, including the FDEP industrial soil CTL for lead of 1,400 mg/kg. The extent of lead contamination in the vicinity of this sample has not been determined.

Sediment concentrations of some analytes measured in November 2006 and May 2007 exceeded those evaluated in the human health and ecological risk assessments performed in 1997. This applies largely to PAHs at S1-SD-08, and to 4,4'-DDD, lead, and zinc in a few samples. The samples in question probably represent relatively small areas, and with the exception of lead in the vicinity of sample S1-SD-14, additional investigations are not warranted at this time.

The results from this investigation indicate contamination beyond the current site boundaries. Based upon the available data, TtNUS recommends expanding the site boundaries to the proposed site boundaries depicted in Figure 3-13.

3.2 SWMU 2

3.2.1 Surface Soil

Concentrations of pesticides (the primary contaminants at SWMU 2) were below action levels in all surface soil samples collected in November 2006 (Table 3-5).

Arsenic and three PAH compounds were detected at concentrations above their respective action levels in soil (Table 3-5 and Figure 3-6). Arsenic exceeded its action level in only one sample (S2-SS-01),

which is located near a jet blast deflector southwest of the site boundary. PAH concentrations exceeded action levels in four sample locations near the aircraft taxiway at the north edge of the lagoon (Figure 3-6). The presence of PAHs at the concentrations observed in November 2006 in these samples is consistent with aircraft operations on the taxiway.

3.2.2 Surface Water

4,4'-DDD was the only pesticide detected in surface water in November 2006; it was detected and exceeded its action level in only one of 13 samples (S2-SW-13). Concentrations of 4,4'-DDD and 4,4'-DDE in surface water have sporadically exceeded their action levels in performance monitoring samples S2SW-1 and S2SW-02, which are located near S2-SW-13 in the ditch south of the former DDT mixing area (Figure 3-7). The concentration of 4,4'-DDD detected in November 2006 in sample S2-SW-13 was less than the concentrations in performance monitoring samples S2SW-1 and S2SW-02.

SVOCs were not detected in surface water in November 2006, and concentrations of inorganics were less than action levels in all November 2006 samples.

Zinc was the only inorganic analyte that exceeded its action level in performance monitoring surface water samples collected in 2005-2007, but the exceedance occurred in only one sample. The magnitude of exceedance was relatively small, 87.1 µg/L detection compared to an action level of 86 µg/L (Figure 3-7).

3.2.3 Sediment

3.2.3.1 SVOCs

Pyrene was the only SVOC detected in sediment samples collected during November 2006, and was detected in only one sample (S2-SD-07), at a concentration of 300 µg/kg compared to the action level of 153 µg/kg (Table 3-7 and Figure 3-9). Annual performance monitoring of SWMU 2 sediment has not included analyses of SVOCs.

3.2.3.2 Pesticides

Pesticides detected above action levels in November 2006 sediment samples consisted of 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE (Table 3-7 and Figure 3-9). These pesticides have been historically detected at concentrations above action levels in sediments collected from the ditch south of the former DDT mixing area. Only one sample was collected from this ditch during the November 2006 event, and concentrations of 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE in this sample (S2-SD-13) were similar to concentrations in performance monitoring samples collected from the ditch in 2005-2007 (Figures 3-8 and 3-9).

4,4'-DDE concentrations exceeded action levels in all sediment samples collected in November 2006 from the lagoon east of SWMU 2; concentrations were especially elevated in nine of the ten lagoon samples, ranging from 150 to 780 µg/kg, compared to an action level of 2.07 µg/kg (Figure 3-9). The 4,4'-DDE concentrations in the lagoon samples are within the range of concentrations in the performance monitoring samples collected from the ditch south of the site. Sediment samples have not been collected from the lagoon prior to November 2006, precluding a comparison of the lagoon data (samples S2-SD-01 through S2-SD-10) to pre-storm surge data. 4,4'-DDE concentrations in the two samples collected from the pond south of the ditch (S2-SD11 and S2-SD-12) were also within the range of concentrations in the performance monitoring samples collected from the ditch. Sediment samples have not been collected from the pond prior to November 2006, precluding a comparison of the two pond samples to pre-storm surge data.

4,4'-DDD and 4,4'-DDT were detected in most lagoon and pond sediment samples, and all detected concentrations exceeded action levels. Detected concentrations of 4,4'-DDD in lagoon and pond samples ranged from 8.6 to 16 µg/kg compared to an action level of 1.78 µg/kg, and detected concentrations of 4,4'-DDT in lagoon and pond samples ranged from 3.2 to 8.9 µg/kg compared to an action level of 1.76 µg/kg; the detected concentrations are much lower than concentrations in performance monitoring samples from 2005-2007 (Figure 3-8).

3.2.3.3 Metals

Metals that exceeded action levels in November 2006 consisted of cadmium, copper, and lead; each of these metals was detected above action levels in 12 of 13 samples (Table 3-7). Cadmium concentrations that exceeded action levels in November 2006 ranged from 0.76 to 2.1 mg/kg, compared to a range of 0.79 to 3.2 mg/kg in performance monitoring samples. Copper concentrations exceeding action levels in November 2006 ranged from 20 to 52 mg/kg, compared to a range of 20.9 to 65.2 mg/kg in 2005-2007 performance monitoring samples (Figures 3-8 and 3-9). Lead concentrations that exceeded action levels in November 2006 ranged from 35 to 82.3 mg/kg, compared to a range of 41.4 to 106 mg/kg in performance monitoring samples collected from 2005 to 2007 (Figures 3-8 and 3-9). Concentrations of cadmium, copper, and lead were less than action levels in sample S2-SD-10, collected at the outlet of the ditch into the lagoon.

Action levels were exceeded more frequently for cadmium, copper, and lead in November 2006 (12 of 13 samples) than in performance monitoring samples (Figure 3-8), but as shown above, concentrations in November 2006 were similar to those in performance monitoring samples. Zinc and mercury concentrations exceeded action levels in some performance monitoring samples, but mercury was not detected in November 2006 samples and all zinc concentrations in November 2006 were less than action levels.

3.2.4 Conclusions

Although soil samples have not been collected in performance monitoring events, the November 2006 data indicate that the storm surge did not redistribute site-related contaminants from contaminated sediment into soils surrounding the site.

Surface water data indicate that the storm surge did not impact site-related contamination of surface water.

Sediment samples have not been collected from the lagoon east of SWMU 2 or from the pond south of the site prior to November 2006, precluding a comparison to pre-storm surge data. However, 4,4'-DDD and 4,4'-DDT concentrations in sediment samples collected from the lagoon and pond are generally lower than concentrations in performance monitoring samples collected from the ditch within the site. 4,4'-DDE concentrations were considerably elevated in samples collected from the lagoon and pond, but were lower than in the ditch within the site. Interestingly, the 4,4'-DDE concentration in lagoon sample S2-SD-10 (collected at the outlet of the ditch into the lagoon) was 20 µg/kg, which was much lower than concentrations in most performance monitoring samples collected from the ditch within the site. This suggests minimal migration of 4,4'-DDE from the ditch into the lagoon, but such a conclusion is somewhat speculative in the absence of previous data from this location. The similarity of cadmium, copper, and lead concentrations in sediments collected in November 2006 to performance monitoring data and the absence of elevated mercury and zinc in November 2006 strongly suggest that the storm surge did not impact metal concentrations in the lagoon to the east of SWMU 2 or the pond to the south of SWMU 2.

Concentrations of contaminants in surface soil, surface water, and sediment in November 2006 and in recent performance monitoring events are similar to those evaluated in the Supplemental RFI/RI, so no additional risk evaluations are warranted.

Although it is not certain whether elevated concentrations of 4,4'-DDE in the lagoon east of SWMU 2 are due to the storm surge, or to pre-existing migration from SWMU 2, or even possibly to other sources, the presence of the elevated concentrations is assumed to be due to input from SWMU 2 via the ditch at the site.

The results from this investigation indicate contamination beyond the current site boundaries. Based upon the available data, TtNUS recommends expanding the site boundaries to the proposed site boundaries depicted in Figure 3-14.

3.3 SWMU 4

3.3.1 Surface Soil

Surface soil samples collected in November 2006 were analyzed for antimony, beryllium, and cadmium. There were no exceedances of action levels in any soil sample (Table 3-8).

3.3.2 Surface Water

Antimony was not detected in any surface water sample collected at SWMU 4 in November 2006. The surface water samples collected in November 2006 were analyzed only for antimony. The antimony detection limit in SWMU 4 surface water was 5 µg/L (Appendix A), which was well below the action level of 1,500 µg/L.

3.3.3 Sediment

Antimony was not detected in any sediment sample collected at SWMU 4 in November 2006. The four sediment samples were analyzed only for antimony, and the antimony detection limits in those samples ranged from 0.69 to 3.1 mg/kg (Appendix A). An NAS Key West sediment action level has not been established for antimony, but the detection limits were less than the EPA Region 4 ecological screening value for antimony of 12 mg/kg (EPA, 2001).

3.3.4 Conclusions

The November 2006 data indicate no storm surge-related impacts in surface soil, surface water, or sediment. The data, in fact, do not support the historical data driving the risk assessment at this site. Thus, TtNUS recommends SWMU 4 now be delisted from the NAS Key West RCRA/HSWA permit.

3.4 SWMU 5

3.4.1 Surface Soil

Arsenic concentrations in all four samples exceeded the action level; detected concentrations ranged from 5.7 to 15.7 mg/kg (Table 3-9). The action level of 2.66 mg/kg is the NAS Key West background value. The FDEP Residential soil CTL is 2.1 mg/kg and the FDEP Industrial soil CTL is 12 mg/kg. The Industrial soil CTL was exceeded in one sample (S5-SS-02 at 15.7 mg/kg).

The four surface soil samples were collected in a 3 ft by 3 ft area centered on the approximate location of former sample location S5SB-1, where arsenic was detected at 13 mg/kg in 1996. The performance monitoring program for SWMU 5 did not include soil sampling and analysis, so no soil data are available from the period between 1996 and November 2006. The location of the four recent samples (and the

original sample S5SB-1) is approximately midway up the north-facing slope of a large berm (approximately 20 feet high) immediately south of the concrete ditch and former sand blasting area at SWMU 5. The storm surge associated with Hurricane Wilma did not top the berm, so the surge would not have redistributed soil concentrations of arsenic. Nevertheless, rain associated with Hurricane Wilma and/or other storms, as well as high winds, could erode soil and potentially redistribute soil contamination. Although the areal extent of arsenic contamination on the berm is unclear, sand blasting activities were confined to a relatively small area, so site-related arsenic contamination would also be expected to be confined to a relatively small area. In addition, vegetation on the berm (Australian pine, Brazilian pepper, and various weedy species) serves to reduce soil erosion and concomitant arsenic migration. No signs of erosion (ditches, furrows, etc) were visible on the berm during the November 2006 sampling. With these factors in mind, arsenic in soil does not appear to be moving into the down gradient pond and lagoon; this is supported by surface water and sediment data (see Section 3.4.2 and 3.4.3).

3.4.2 Surface Water

The pesticide heptachlor and its transformation product heptachlor epoxide were the only analytes detected above action levels in November 2006 (Table 3-10). These two pesticide compounds were detected in S5SW-02, one of two surface water samples collected from the small pond west of the site (Figure 3-11). Neither heptachlor nor heptachlor epoxide were detected in the other pond sample, or in any of five samples collected from the lagoon immediately south of the pond (Figure 3-11). Surface water samples collected during the long-term monitoring program for SWMU 5 have not been analyzed for pesticides. Any potential risk posed by these pesticides would not be expected to be related to sand blasting activities at SWMU 5.

A few metals have been detected above their action levels in three surface water samples collected during performance monitoring events (Figure 3-11), but exceedances have been sporadic and no trends have been observed.

3.4.3 Sediment

Cadmium exceeded its action level in both sediment samples collected from the small pond west of the site in November 2006. Gamma-BHC exceeded its action level in sample S5-SD-01, the western pond sample, while copper, lead, zinc, 4,4'-DDD, and 4,4'-DDE concentrations exceeded their action levels in sample 05-SD-01, the eastern pond sample (Figure 3-12). 4,4'-DDE slightly exceeded its action level in one of five sediment samples collected in November 2006 from the lagoon south of the pond (Figure 3-12).

Sediment samples collected during performance monitoring events at SWMU 5 have not been analyzed for pesticides, precluding a comparison to recent historical data. However, sediment concentrations of

pesticides did not greatly exceed the action levels in November 2006 (Table 3-11 and Figure 3-12). In addition, potential risk posed by these pesticides would not be expected to be related to sand blasting activities at SWMU 5.

A few metals have been detected above their action levels in sediment samples collected during quarterly and annual performance monitoring events, but none exceeded action levels in 2005 or 2006, and exceedances in 2007 performance monitoring samples were limited to cadmium and lead (Figure 3-12). Similar to the surface water results, sediment exceedances have been sporadic and no trends have been observed.

3.4.4 Conclusions

There is uncertainty regarding the size of the area on the berm in which arsenic is elevated in soil, but the uncertainty is mitigated by existing LUCs that serve to protect human health by restricting access and future site use. The ecological risk assessment conducted in 1997 concluded that ecological risks were negligible. Habitat conditions have not changed since the ecological risk assessment was conducted; the current arsenic maximum concentration of 15.7 mg/kg is only slightly greater than the previous maximum value of 13 mg/kg, and arsenic in soil does not appear to be moving into the down gradient pond and lagoon. Therefore, further investigation of arsenic in SWMU 5 soil is not recommended.

The surface water data collected during performance monitoring and in November 2006 indicate no storm surge impacts.

Sediment data from the lagoon south of the pond indicate that potential risk (if any) posed by metals and pesticides is limited to the small shallow pond, and these chemicals pose minimal risk to receptors in the larger lagoon. Data indicate that the storm surge did not impact site-related contamination, and additional investigative or remedial activities are not recommended. TtNUS recommends the performance monitoring program be adjusted to include sampling only within the pond as there appears to be no contamination remaining in the larger lagoon across the road from SWMU 5.

TABLE 3-1

**CHEMICALS DETECTED IN SWMU 1 SURFACE WATER
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2**

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
Inorganics (µg/L)					
S1-SW-01-00-1106	ALUMINUM	382		1500	Marine surface water CTL
S1-SW-03-00-1106	ALUMINUM	59.6			
S1-SW-04-00-1106	ALUMINUM	149			
S1-SW-05-00-1106	ALUMINUM	58.8			
S1-SW-06-00-1106	ALUMINUM	155			
S1-SW-07-00-1106	ALUMINUM	91.4			
S1-SW-09-00-1106-AVG	ALUMINUM	96.65			
S1-SW-10-00-1106	ALUMINUM	50.7			
S1-SW-11-00-1106	ALUMINUM	68.1			
S1-SW-01-00-1106	ANTIMONY	25.4		4300	Marine surface water CTL
S1-SW-03-00-1106	ANTIMONY	8.1			
S1-SW-04-00-1106	ANTIMONY	7.5			
S1-SW-10-00-1106	ARSENIC	6.8		50	Marine surface water CTL
S1-SW-13-00-1106	ARSENIC	3.3			
S1-SW-01-00-1106	BARIUM	32.6		NA	NA
S1-SW-03-00-1106	BARIUM	26.6			
S1-SW-04-00-1106	BARIUM	16.7			
S1-SW-05-00-1106	BARIUM	12.3			
S1-SW-06-00-1106	BARIUM	11.9			
S1-SW-07-00-1106	BARIUM	12.3			
S1-SW-08-00-1106	BARIUM	12			
S1-SW-09-00-1106-AVG	BARIUM	12.35			
S1-SW-10-00-1106	BARIUM	20.6			
S1-SW-11-00-1106	BARIUM	10.4			
S1-SW-12-00-1106	BARIUM	10.3			
S1-SW-13-00-1106	BARIUM	79.3			
S1-SW-01-00-1106	COPPER	21.1		3.7	Marine surface water CTL
S1-SW-03-00-1106	COPPER	7.1			
S1-SW-04-00-1106	COPPER	17.3			
S1-SW-13-00-1106	COPPER	12.3			
S1-SW-01-00-1106	IRON	1150		300	Marine surface water CTL
S1-SW-04-00-1106	IRON	397			
S1-SW-11-00-1106	IRON	51.4			
S1-SW-12-00-1106	IRON	47.3			
S1-SW-01-00-1106	LEAD	6.6		8.5	Marine surface water CTL
S1-SW-03-00-1106	LEAD	2.9			
S1-SW-04-00-1106	LEAD	12.5			
S1-SW-05-00-1106	LEAD	1.6			

TABLE 3-1

**CHEMICALS DETECTED IN SWMU 1 SURFACE WATER
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2**

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
S1-SW-13-00-1106	MANGANESE	41.9		NA	NA
S1-SW-13-00-1106	THALLIUM	3		7.3	Background
S1-SW-01-00-1106	TIN	19		NA	NA
S1-SW-01-00-1106	ZINC	40.5		86	Marine surface water CTL
Pesticides (µg/L)					
S1-SW-01-00-1106	4,4'-DDD	0.011		0.0003	Marine surface water CTL
S1-SW-01-00-1106	4,4'-DDE	0.018		0.0002	Marine surface water CTL
S1-SW-01-00-1106	ALPHA-BHC	0.28		0.005	Marine surface water CTL
S1-SW-01-00-1106	BETA-BHC	0.018		0.046	Marine surface water CTL
S1-SW-03-00-1106	BETA-BHC	0.011			
S1-SW-05-00-1106	BETA-BHC	0.017			
S1-SW-06-00-1106	BETA-BHC	0.0053			
S1-SW-10-00-1106	BETA-BHC	0.0059	J		
S1-SW-10-00-1106	DELTA-BHC	0.016		NA	NA
S1-SW-01-00-1106	GAMMA-BHC (LINDANE)	0.009		0.063	Marine surface water CTL
S1-SW-05-00-1106	GAMMA-BHC (LINDANE)	0.0084			
S1-SW-10-00-1106	GAMMA-BHC (LINDANE)	0.019			
S1-SW-07-00-1106	METHOXYCHLOR	0.005		0.03	Marine surface water CTL
S1-SW-10-00-1106	METHOXYCHLOR	0.0059	J		
S1-SW-11-00-1106	METHOXYCHLOR	0.0073	J		

Shading indicates a concentration in excess of the action level.
(a) The notation "AVG" indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code: J = The associated value is an estimated quantity
(c) Source of Action Level:
Marine surface water cleanup target level (CTL); FAC 62-777
Background: NASKW background value for surface water
NA: Marine surface water CTL not available in FAC 62-777

TABLE 3-2

**CHEMICALS DETECTED IN SWMU 1 SURFACE WATER
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2**

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
Inorganics (µg/L)					
S1-SW-17-00-0507	ALUMINUM	505		1500	Marine surface water CTL
S1-SW-24-00-0507	ANTIMONY	4.1		4300	Marine surface water CTL
S1-SW-16-00-0507	ARSENIC	4.7		50	Marine surface water CTL
S1-SW-17-00-0507	ARSENIC	8.2			
S1-SW-18-00-0507	ARSENIC	2.8			
S1-SW-19-00-0507	ARSENIC	3.9			
S1-SW-20-00-0507	ARSENIC	10.2			
S1-SW-21-00-0507	ARSENIC	4.2			
S1-SW-24-00-0507-AVG	ARSENIC	14.85			
S1-SW-16-00-0507	BARIUM	9.5		NA	NA
S1-SW-17-00-0507	BARIUM	11.4			
S1-SW-18-00-0507	BARIUM	10.4			
S1-SW-19-00-0507	BARIUM	12.2			
S1-SW-20-00-0507	BARIUM	16.9			
S1-SW-21-00-0507	BARIUM	9.7			
S1-SW-24-00-0507-AVG	BARIUM	25.85			
S1-SW-17-00-0507	CHROMIUM	3.8		50	Marine surface water CTL
S1-SW-17-00-0507	COPPER	15.8		3.7	Marine surface water CTL
S1-SW-19-00-0507	COPPER	20.2			
S1-SW-20-00-0507	COPPER	3			
S1-SW-17-00-0507	IRON	187		300	Marine surface water CTL
S1-SW-17-00-0507	LEAD	5.5		8.5	Marine surface water CTL
S1-SW-19-00-0507	LEAD	1.7			
S1-SW-16-00-0507	MANGANESE	2.9		NA	NA
S1-SW-17-00-0507	MANGANESE	8.5			
S1-SW-18-00-0507	MANGANESE	4.8			
S1-SW-19-00-0507	MANGANESE	14.3			
S1-SW-20-00-0507	MANGANESE	15.2			
S1-SW-21-00-0507	MANGANESE	13.4			
S1-SW-24-00-0507-AVG	MANGANESE	10.6			
S1-SW-24-00-0507	MERCURY	0.23		1.26	Background
S1-SW-17-00-0507	NICKEL	1.9		8.3	Marine surface water CTL
S1-SW-18-00-0507	NICKEL	2.3			
S1-SW-19-00-0507	NICKEL	4			
S1-SW-20-00-0507	NICKEL	1.8			
S1-SW-21-00-0507	NICKEL	1.8			

TABLE 3-2

**CHEMICALS DETECTED IN SWMU 1 SURFACE WATER
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SW-16-00-0507	THALLIUM	3.7	J	7.3	Background
S1-SW-18-00-0507	THALLIUM	3.3	J		
S1-SW-24-00-0507	THALLIUM	4.2	J		
S1-SW-19-00-0507	TIN	3.9		NA	NA
S1-SW-16-00-0507	VANADIUM	2.9		NA	NA
S1-SW-17-00-0507	VANADIUM	5.2			
S1-SW-18-00-0507	VANADIUM	3.4			
S1-SW-19-00-0507	VANADIUM	3.7			
S1-SW-20-00-0507	VANADIUM	3.1			
S1-SW-21-00-0507	VANADIUM	2			
S1-SW-24-00-0507-AVG	VANADIUM	4.9			
S1-SW-16-00-0507	ZINC	3.6		86	Marine surface water CTL
S1-SW-17-00-0507	ZINC	25.9			
S1-SW-18-00-0507	ZINC	3.8			
S1-SW-19-00-0507	ZINC	29.1			
S1-SW-20-00-0507	ZINC	10.9			
S1-SW-21-00-0507	ZINC	2.3			
S1-SW-24-00-0507-AVG	ZINC	2.95			

Shading indicates a concentration in excess of the action level.
(a) The notation “AVG” indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code: J = The associated value is an estimated quantity
(c) Source of Action Level:
Marine surface water cleanup target level (CTL); FAC 62-777
Background: NASKW background value for surface water
NA: Marine surface water CTL not available in FAC 62-777

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
Inorganics (mg/kg)					
S1-SD-01-00-1106	ALUMINUM	8740		NA	NA
S1-SD-02-00-1106	ALUMINUM	2170			
S1-SD-03-00-1106	ALUMINUM	3190			
S1-SD-04-00-1106	ALUMINUM	3440	J		
S1-SD-05-00-1106	ALUMINUM	3380	J		
S1-SD-06-00-1106	ALUMINUM	4120	J		
S1-SD-07-00-1106	ALUMINUM	914	J		
S1-SD-08-00-1106	ALUMINUM	4040	J		
S1-SD-09-00-1106-AVG	ALUMINUM	3590	J		
S1-SD-10-00-1106	ALUMINUM	1090			
S1-SD-11-00-1106	ALUMINUM	4590			
S1-SD-12-00-1106	ALUMINUM	3030			
S1-SD-13-00-1106	ALUMINUM	5600			
S1-SD-01-00-1106	ANTIMONY	2.2		NA	NA
S1-SD-02-00-1106	ANTIMONY	4.8			
S1-SD-03-00-1106	ANTIMONY	2.3			
S1-SD-05-00-1106	ANTIMONY	3.5	J		
S1-SD-07-00-1106	ANTIMONY	2.1	J		
S1-SD-01-00-1106	ARSENIC	7.8		7.24	FDEP SQAG
S1-SD-02-00-1106	ARSENIC	2.3			
S1-SD-03-00-1106	ARSENIC	3.3			
S1-SD-04-00-1106	ARSENIC	5	J		
S1-SD-05-00-1106	ARSENIC	9.4	J		
S1-SD-06-00-1106	ARSENIC	15.3	J		
S1-SD-07-00-1106	ARSENIC	7.9	J		
S1-SD-08-00-1106	ARSENIC	3.6	J		
S1-SD-09-00-1106-AVG	ARSENIC	7.25	J		
S1-SD-10-00-1106	ARSENIC	1.8			
S1-SD-11-00-1106	ARSENIC	4.7			
S1-SD-12-00-1106	ARSENIC	2.8			
S1-SD-13-00-1106	ARSENIC	1.8			
S1-SD-01-00-1106	BARIUM	21.9		NA	NA
S1-SD-02-00-1106	BARIUM	36.9			
S1-SD-03-00-1106	BARIUM	24.5			
S1-SD-04-00-1106	BARIUM	11.1	J		
S1-SD-05-00-1106	BARIUM	15.2	J		
S1-SD-06-00-1106	BARIUM	12	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-07-00-1106	BARIUM	5.2	J	NA	NA
S1-SD-08-00-1106	BARIUM	10.6	J		
S1-SD-09-00-1106-AVG[(b)]	BARIUM	10.4	J		
S1-SD-10-00-1106	BARIUM	10.1			
S1-SD-11-00-1106	BARIUM	17.8			
S1-SD-12-00-1106	BARIUM	17.5			
S1-SD-13-00-1106	BARIUM	29			
S1-SD-01-00-1106	BERYLLIUM	0.162		NA	NA
S1-SD-02-00-1106	BERYLLIUM	0.059			
S1-SD-03-00-1106	BERYLLIUM	0.072			
S1-SD-04-00-1106	BERYLLIUM	0.144	J		
S1-SD-05-00-1106	BERYLLIUM	0.175	J		
S1-SD-06-00-1106	BERYLLIUM	0.219	J		
S1-SD-08-00-1106	BERYLLIUM	0.15	J		
S1-SD-09-00-1106-AVG	BERYLLIUM	0.14	J		
S1-SD-10-00-1106	BERYLLIUM	0.029			
S1-SD-11-00-1106	BERYLLIUM	0.135			
S1-SD-12-00-1106	BERYLLIUM	0.083			
S1-SD-13-00-1106	BERYLLIUM	0.219			
S1-SD-01-00-1106	CADMIUM	5.8		0.676	FDEP SQAG
S1-SD-02-00-1106	CADMIUM	2.1			
S1-SD-03-00-1106	CADMIUM	3.5			
S1-SD-06-00-1106	CADMIUM	0.56	J		
S1-SD-08-00-1106	CADMIUM	1.5	J		
S1-SD-09-00-1106-AVG	CADMIUM	0.94	J		
S1-SD-10-00-1106	CADMIUM	0.16			
S1-SD-11-00-1106	CADMIUM	0.38			
S1-SD-12-00-1106	CADMIUM	0.2			
S1-SD-13-00-1106	CADMIUM	0.2			
S1-SD-01-00-1106	CHROMIUM	31.2		52.3	FDEP SQAG
S1-SD-02-00-1106	CHROMIUM	11.6			
S1-SD-03-00-1106	CHROMIUM	41.2			
S1-SD-04-00-1106	CHROMIUM	17.1	J		
S1-SD-05-00-1106	CHROMIUM	15.7	J		
S1-SD-06-00-1106	CHROMIUM	13.7	J		
S1-SD-07-00-1106	CHROMIUM	4.1	J		
S1-SD-08-00-1106	CHROMIUM	15	J		
S1-SD-09-00-1106-AVG	CHROMIUM	13.35	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 3 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-10-00-1106	CHROMIUM	4.3		52.3	FDEP SQAG
S1-SD-11-00-1106	CHROMIUM	14.2			
S1-SD-12-00-1106	CHROMIUM	7			
S1-SD-13-00-1106	CHROMIUM	13.6			
S1-SD-01-00-1106	COBALT	1.9			
S1-SD-02-00-1106	COBALT	1.4			
S1-SD-03-00-1106	COBALT	0.72			
S1-SD-01-00-1106	COPPER	99.7			
S1-SD-02-00-1106	COPPER	63.8			
S1-SD-03-00-1106	COPPER	83.7			
S1-SD-04-00-1106	COPPER	222	J		
S1-SD-05-00-1106	COPPER	237	J		
S1-SD-06-00-1106	COPPER	107	J		
S1-SD-07-00-1106	COPPER	42.4	J		
S1-SD-08-00-1106	COPPER	11.9	J		
S1-SD-09-00-1106-AVG	COPPER	78.5	J		
S1-SD-10-00-1106	COPPER	5.4			
S1-SD-11-00-1106	COPPER	41.5			
S1-SD-12-00-1106	COPPER	5.8			
S1-SD-13-00-1106	COPPER	8.8			
S1-SD-01-00-1106	IRON	25900		NA	NA
S1-SD-02-00-1106	IRON	5740			
S1-SD-03-00-1106	IRON	6680			
S1-SD-04-00-1106	IRON	1790	J		
S1-SD-05-00-1106	IRON	3040	J		
S1-SD-06-00-1106	IRON	2750	J		
S1-SD-07-00-1106	IRON	703	J		
S1-SD-08-00-1106	IRON	1640	J		
S1-SD-09-00-1106-AVG	IRON	3320	J		
S1-SD-10-00-1106	IRON	909			
S1-SD-11-00-1106	IRON	6440			
S1-SD-12-00-1106	IRON	1730			
S1-SD-13-00-1106	IRON	3450			
S1-SD-01-00-1106	LEAD	144		34.18	Background
S1-SD-02-00-1106	LEAD	141			
S1-SD-03-00-1106	LEAD	641			
S1-SD-04-00-1106	LEAD	281	J		
S1-SD-05-00-1106	LEAD	304	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 4 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-06-00-1106	LEAD	89.7	J	34.18	Background
S1-SD-07-00-1106	LEAD	17.3	J		
S1-SD-08-00-1106	LEAD	16.5	J		
S1-SD-09-00-1106-AVG	LEAD	55.35	J		
S1-SD-10-00-1106	LEAD	15.5			
S1-SD-11-00-1106	LEAD	38.4			
S1-SD-12-00-1106	LEAD	18.2			
S1-SD-13-00-1106	LEAD	13.1			
S1-SD-01-00-1106	MANGANESE	205			
S1-SD-02-00-1106	MANGANESE	87.2			
S1-SD-03-00-1106	MANGANESE	73.5			
S1-SD-04-00-1106	MANGANESE	6.6	J		
S1-SD-05-00-1106	MANGANESE	5.7	J		
S1-SD-06-00-1106	MANGANESE	7	J		
S1-SD-07-00-1106	MANGANESE	3	J		
S1-SD-08-00-1106	MANGANESE	10.9	J		
S1-SD-09-00-1106-AVG	MANGANESE	15.95	J		
S1-SD-10-00-1106	MANGANESE	15.7			
S1-SD-11-00-1106	MANGANESE	48.6			
S1-SD-12-00-1106	MANGANESE	31.4			
S1-SD-13-00-1106	MANGANESE	30.4			
S1-SD-01-00-1106	MERCURY	0.16		0.13	FDEP SQAG
S1-SD-02-00-1106	MERCURY	0.17			
S1-SD-03-00-1106	MERCURY	0.5			
S1-SD-04-00-1106	MERCURY	0.47	J		
S1-SD-05-00-1106	MERCURY	0.49	J		
S1-SD-06-00-1106	MERCURY	0.43	J		
S1-SD-07-00-1106	MERCURY	0.17	J		
S1-SD-08-00-1106	MERCURY	0.08	J		
S1-SD-09-00-1106-AVG	MERCURY	0.33	J		
S1-SD-01-00-1106	NICKEL	23.8		15.9	FDEP SQAG
S1-SD-02-00-1106	NICKEL	7.8			
S1-SD-03-00-1106	NICKEL	7.1			
S1-SD-04-00-1106	NICKEL	13.2	J		
S1-SD-05-00-1106	NICKEL	10.2	J		
S1-SD-06-00-1106	NICKEL	6.3	J		
S1-SD-07-00-1106	NICKEL	3.3	J		
S1-SD-08-00-1106	NICKEL	4.1	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 5 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-09-00-1106-AVG	NICKEL	8.1	J	15.9	FDEP SQAG
S1-SD-10-00-1106	NICKEL	1.6			
S1-SD-11-00-1106	NICKEL	5.3			
S1-SD-12-00-1106	NICKEL	2.2			
S1-SD-13-00-1106	NICKEL	3			
S1-SD-04-00-1106	SELENIUM	1.7	J		
S1-SD-05-00-1106	SELENIUM	2.6	J		
S1-SD-06-00-1106	SELENIUM	2.1	J		
S1-SD-07-00-1106	SELENIUM	1.8	J		
S1-SD-08-00-1106-AVG	SELENIUM	1.25	J		
S1-SD-13-00-1106	SELENIUM	0.61			
S1-SD-01-00-1106	SILVER	0.463			
S1-SD-02-00-1106	SILVER	0.914			
S1-SD-03-00-1106	SILVER	2.1			
S1-SD-04-00-1106	SILVER	0.518	J		
S1-SD-05-00-1106	SILVER	0.626	J		
S1-SD-06-00-1106	SILVER	1.1	J		
S1-SD-08-00-1106	SILVER	0.465	J		
S1-SD-09-00-1106-AVG	SILVER	0.9635	J		
S1-SD-11-00-1106	SILVER	0.158			
S1-SD-13-00-1106	SILVER	0.128			
S1-SD-01-00-1106	VANADIUM	16.5		NA	NA
S1-SD-02-00-1106	VANADIUM	5.1			
S1-SD-03-00-1106	VANADIUM	9.9			
S1-SD-04-00-1106	VANADIUM	28.1	J		
S1-SD-05-00-1106	VANADIUM	43.6	J		
S1-SD-06-00-1106	VANADIUM	51.7	J		
S1-SD-07-00-1106	VANADIUM	41.7	J		
S1-SD-08-00-1106	VANADIUM	23.2	J		
S1-SD-09-00-1106-AVG	VANADIUM	12.1	J		
S1-SD-10-00-1106	VANADIUM	4.1			
S1-SD-11-00-1106	VANADIUM	9.4			
S1-SD-12-00-1106	VANADIUM	5.6			
S1-SD-13-00-1106	VANADIUM	11			
S1-SD-01-00-1106	ZINC	3350		124	FDEP SQAG
S1-SD-02-00-1106	ZINC	182			
S1-SD-03-00-1106	ZINC	207			
S1-SD-04-00-1106	ZINC	73.7	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 6 OF 10**

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
S1-SD-05-00-1106	ZINC	66.2	J	124	FDEP SQAG
S1-SD-06-00-1106	ZINC	67.8	J		
S1-SD-07-00-1106	ZINC	21.9	J		
S1-SD-08-00-1106	ZINC	22	J		
S1-SD-09-00-1106-AVG	ZINC	102.15	J		
S1-SD-10-00-1106	ZINC	22			
S1-SD-11-00-1106	ZINC	85.9			
S1-SD-12-00-1106	ZINC	21			
S1-SD-13-00-1106	ZINC	19.1			
SVOCs (µg/kg)					
S1-SD-03-00-1106	1,2-DICHLOROBENZENE	1800			
S1-SD-06-00-1106	ACENAPHTHYLENE	720	J		
S1-SD-08-00-1106	ACENAPHTHYLENE	62000	J		
S1-SD-09-00-1106-AVG	ACENAPHTHYLENE	415	J		
S1-SD-01-00-1106	ANTHRACENE	87	J	46.9	FDEP SQAG
S1-SD-02-00-1106	ANTHRACENE	120	J		
S1-SD-01-00-1106	BENZO(A)ANTHRACENE	1800		74.8	FDEP SQAG
S1-SD-02-00-1106	BENZO(A)ANTHRACENE	2700			
S1-SD-03-00-1106	BENZO(A)ANTHRACENE	170	J		
S1-SD-04-00-1106	BENZO(A)ANTHRACENE	370	J		
S1-SD-06-00-1106	BENZO(A)ANTHRACENE	510	J		
S1-SD-08-00-1106	BENZO(A)ANTHRACENE	220000	J		
S1-SD-09-00-1106-AVG	BENZO(A)ANTHRACENE	605	J		
S1-SD-12-00-1106	BENZO(A)ANTHRACENE	96	J		
S1-SD-01-00-1106	BENZO(A)PYRENE	1900	J	88.8	FDEP SQAG
S1-SD-02-00-1106	BENZO(A)PYRENE	2300	J		
S1-SD-04-00-1106	BENZO(A)PYRENE	440	J		
S1-SD-06-00-1106	BENZO(A)PYRENE	960	J		
S1-SD-08-00-1106	BENZO(A)PYRENE	270000	J		
S1-SD-09-00-1106-AVG	BENZO(A)PYRENE	1150	J		
S1-SD-01-00-1106	BENZO(B)FLUORANTHENE	3000	J	NA	NA
S1-SD-02-00-1106	BENZO(B)FLUORANTHENE	3100			
S1-SD-04-00-1106	BENZO(B)FLUORANTHENE	720	J		
S1-SD-06-00-1106	BENZO(B)FLUORANTHENE	740	J		
S1-SD-08-00-1106	BENZO(B)FLUORANTHENE	140000	J		
S1-SD-09-00-1106-AVG	BENZO(B)FLUORANTHENE	1100	J		
S1-SD-01-00-1106	BENZO(G,H,I)PERYLENE	1400	J	NA	NA
S1-SD-02-00-1106	BENZO(G,H,I)PERYLENE	1300	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 7 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-04-00-1106	BENZO(G,H,I)PERYLENE	500	J	NA	NA
S1-SD-06-00-1106	BENZO(G,H,I)PERYLENE	550	J		
S1-SD-08-00-1106	BENZO(G,H,I)PERYLENE	170000	J		
S1-SD-09-00-1106-AVG	BENZO(G,H,I)PERYLENE	530	J		
S1-SD-12-00-1106	BENZO(G,H,I)PERYLENE	94	J		
S1-SD-01-00-1106	BENZO(K)FLUORANTHENE	2000	J		
S1-SD-02-00-1106	BENZO(K)FLUORANTHENE	2600	J		
S1-SD-04-00-1106	BENZO(K)FLUORANTHENE	540	J		
S1-SD-06-00-1106	BENZO(K)FLUORANTHENE	920	J		
S1-SD-08-00-1106	BENZO(K)FLUORANTHENE	170000	J		
S1-SD-09-00-1106-AVG	BENZO(K)FLUORANTHENE	1300	J		
S1-SD-04-00-1106	BENZOIC ACID	3600	J	NA	NA
S1-SD-05-00-1106	BENZOIC ACID	6200	J		
S1-SD-06-00-1106	BENZOIC ACID	7100	J		
S1-SD-07-00-1106	BENZOIC ACID	5600	J		
S1-SD-03-00-1106	BIS(2-ETHYLHEXYL)PHTHALATE	590	J	182	FDEP SQAG
S1-SD-01-00-1106	CHRYSENE	2800	J	108	FDEP SQAG
S1-SD-02-00-1106	CHRYSENE	3500			
S1-SD-03-00-1106	CHRYSENE	200	J		
S1-SD-04-00-1106	CHRYSENE	510	J		
S1-SD-05-00-1106	CHRYSENE	410	J		
S1-SD-06-00-1106	CHRYSENE	820	J		
S1-SD-08-00-1106	CHRYSENE	160000	J		
S1-SD-09-00-1106-AVG	CHRYSENE	1300	J		
S1-SD-11-00-1106	CHRYSENE	210	J		
S1-SD-12-00-1106	CHRYSENE	210	J		
S1-SD-02-00-1106	DIBENZO(A,H)ANTHRACENE	380	J	6.22	FDEP SQAG
S1-SD-01-00-1106	FLUORANTHENE	2900	J	113	FDEP SQAG
S1-SD-02-00-1106	FLUORANTHENE	4100			
S1-SD-03-00-1106	FLUORANTHENE	480	J		
S1-SD-04-00-1106	FLUORANTHENE	650	J		
S1-SD-05-00-1106	FLUORANTHENE	390	J		
S1-SD-06-00-1106	FLUORANTHENE	960	J		
S1-SD-08-00-1106	FLUORANTHENE	140000	J		
S1-SD-09-00-1106-AVG	FLUORANTHENE	1250	J		
S1-SD-11-00-1106	FLUORANTHENE	170	J		
S1-SD-12-00-1106	FLUORANTHENE	180	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 8 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-02-00-1106	INDENO(1,2,3-CD)PYRENE	1500		NA	NA
S1-SD-08-00-1106	INDENO(1,2,3-CD)PYRENE	160000	J		
S1-SD-09-00-1106-AVG	INDENO(1,2,3-CD)PYRENE	445	J		
S1-SD-01-00-1106	PHENANTHRENE	640		86.7	FDEP SQAG
S1-SD-02-00-1106	PHENANTHRENE	730			
S1-SD-03-00-1106	PHENANTHRENE	290	J		
S1-SD-09-00-1106-AVG	PHENANTHRENE	275	J		
S1-SD-12-00-1106	PHENANTHRENE	84	J		
S1-SD-01-00-1106	PYRENE	5100	J		
S1-SD-02-00-1106	PYRENE	5600	J		
S1-SD-03-00-1106	PYRENE	720	J		
S1-SD-04-00-1106	PYRENE	1000	J		
S1-SD-05-00-1106	PYRENE	900	J		
S1-SD-06-00-1106	PYRENE	2500	J		
S1-SD-08-00-1106	PYRENE	700000			
S1-SD-09-00-1106-AVG	PYRENE	2800	J		
S1-SD-10-00-1106	PYRENE	120	J	153	FDEP SQAG
S1-SD-11-00-1106	PYRENE	360	J		
S1-SD-12-00-1106	PYRENE	380	J		
S1-SD-13-00-1106	PYRENE	120	J		
Pesticides (µg/kg)					
S1-SD-01-00-1106	4,4'-DDD	90		1.78	Background
S1-SD-02-00-1106	4,4'-DDD	18			
S1-SD-03-00-1106	4,4'-DDD	6.6			
S1-SD-04-00-1106	4,4'-DDD	7.9	J		
S1-SD-05-00-1106	4,4'-DDD	24	J		
S1-SD-06-00-1106	4,4'-DDD	27	J		
S1-SD-07-00-1106	4,4'-DDD	5.5	J		
S1-SD-09-00-1106-AVG	4,4'-DDD	38.5	J		
S1-SD-10-00-1106	4,4'-DDD	2.4	J		
S1-SD-11-00-1106	4,4'-DDD	6.9			
S1-SD-12-00-1106	4,4'-DDD	20			
S1-SD-13-00-1106	4,4'-DDD	3.8			
S1-SD-01-00-1106	4,4'-DDE	270		2.07	FDEP SQAG
S1-SD-02-00-1106	4,4'-DDE	310			
S1-SD-03-00-1106	4,4'-DDE	43			
S1-SD-04-00-1106	4,4'-DDE	26	J		
S1-SD-05-00-1106	4,4'-DDE	36	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 9 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-06-00-1106	4,4'-DDE	25	J	2.07	FDEP SQAG
S1-SD-07-00-1106	4,4'-DDE	7.2	J		
S1-SD-08-00-1106	4,4'-DDE	29	J		
S1-SD-09-00-1106-AVG	4,4'-DDE	42	J		
S1-SD-10-00-1106	4,4'-DDE	1.8	J		
S1-SD-11-00-1106	4,4'-DDE	9.1			
S1-SD-12-00-1106	4,4'-DDE	20			
S1-SD-13-00-1106	4,4'-DDE	3.9			
S1-SD-01-00-1106	4,4'-DDT	40	J		
S1-SD-02-00-1106	4,4'-DDT	42	J		
S1-SD-03-00-1106	4,4'-DDT	7.7	J		
S1-SD-04-00-1106	4,4'-DDT	11	J		
S1-SD-05-00-1106	4,4'-DDT	22	J		
S1-SD-06-00-1106	4,4'-DDT	14	J		
S1-SD-09-00-1106-AVG	4,4'-DDT	36.5	J		
S1-SD-10-00-1106	4,4'-DDT	3.6			
S1-SD-11-00-1106	4,4'-DDT	6.5			
S1-SD-12-00-1106	4,4'-DDT	21			
S1-SD-13-00-1106	4,4'-DDT	1.6	J		
S1-SD-01-00-1106	ALPHA-BHC	15		NA	NA
S1-SD-02-00-1106	ALPHA-BHC	0.49	J		
S1-SD-08-00-1106	ALPHA-BHC	8.6	J		
S1-SD-01-00-1106	BETA-BHC	6.2		NA	NA
S1-SD-02-00-1106	BETA-BHC	7.5			
S1-SD-03-00-1106	BETA-BHC	1.7			
S1-SD-06-00-1106	BETA-BHC	7.2	J		
S1-SD-08-00-1106	BETA-BHC	180	J		
S1-SD-09-00-1106-AVG	BETA-BHC	6.9	J		
S1-SD-01-00-1106	DELTA-BHC	0.86	J	NA	NA
S1-SD-02-00-1106	DELTA-BHC	0.59	J		
S1-SD-08-00-1106	DELTA-BHC	42	J		
S1-SD-02-00-1106	ENDOSULFAN I	1.6		NA	NA
S1-SD-09-00-1106	ENDOSULFAN I	3.3	J		
S1-SD-01-00-1106	ENDOSULFAN II	3.6		NA	NA
S1-SD-04-00-1106	ENDOSULFAN II	6.3	J		
S1-SD-05-00-1106	ENDOSULFAN II	13	J		
S1-SD-07-00-1106	ENDOSULFAN II	3.4	J		
S1-SD-09-00-1106-D	ENDOSULFAN II	12	J		

TABLE 3-3

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 10 OF 10**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-12-00-1106	ENDOSULFAN II	5.4		NA	NA
S1-SD-01-00-1106	ENDOSULFAN SULFATE	4.4		NA	NA
S1-SD-02-00-1106	ENDOSULFAN SULFATE	16			
S1-SD-09-00-1106-D	ENDOSULFAN SULFATE	4.1	J		
S1-SD-03-00-1106	ENDRIN	4.4		NA	NA
S1-SD-09-00-1106	ENDRIN	8.8	J		
S1-SD-09-00-1106-D	ENDRIN	7.6	J		
S1-SD-02-00-1106	ENDRIN ALDEHYDE	16		NA	NA
S1-SD-06-00-1106	ENDRIN ALDEHYDE	3.9	J		
S1-SD-01-00-1106	GAMMA-BHC (LINDANE)	4		1.22	Background
S1-SD-02-00-1106	GAMMA-BHC (LINDANE)	1.1			
S1-SD-08-00-1106	GAMMA-BHC (LINDANE)	54	J		
S1-SD-07-00-1106	HEPTACHLOR EPOXIDE	5	J	NA	NA
S1-SD-08-00-1106	HEPTACHLOR EPOXIDE	13	J		
S1-SD-09-00-1106-D	HEPTACHLOR EPOXIDE	7.9	J		
S1-SD-03-00-1106	METHOXYCHLOR	1.6	J	NA	NA
S1-SD-04-00-1106	METHOXYCHLOR	41	J		
S1-SD-05-00-1106	METHOXYCHLOR	73	J		
S1-SD-07-00-1106	METHOXYCHLOR	44	J		

Shading indicates a concentration in excess of the action level.
(a) The notation “AVG” indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code: J = The associated value is an estimated quantity
(c) Source of Action Level:
FDEP SQAG: Marine sediment quality assessment guideline (MacDonald, 1994)
Background: NASKW background value for sediment
NA: Marine SQAG not available

TABLE 3-4

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 5**

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
Inorganics (mg/kg)					
S1-SD-14-00-0507	ALUMINUM	9790		NA	NA
S1-SD-15-00-0507	ALUMINUM	2610			
S1-SD-16-00-0507	ALUMINUM	1280			
S1-SD-17-00-0507	ALUMINUM	1140	J		
S1-SD-18-00-0507	ALUMINUM	1240	J		
S1-SD-19-00-0507	ALUMINUM	1580			
S1-SD-20-00-0507	ALUMINUM	441			
S1-SD-21-00-0507	ALUMINUM	55.4			
S1-SD-22-00-0507	ALUMINUM	1790			
S1-SD-23-00-0507	ALUMINUM	859			
S1-SD-24-00-0507-AVG	ALUMINUM	1470			
S1-SD-14-00-0507	ANTIMONY	91.5		NA	NA
S1-SD-14-00-0507	ARSENIC	10.7		7.24	FDEP SQAG
S1-SD-15-00-0507	ARSENIC	0.63			
S1-SD-16-00-0507	ARSENIC	2.2			
S1-SD-17-00-0507	ARSENIC	2.1	J		
S1-SD-18-00-0507	ARSENIC	7.7	J		
S1-SD-19-00-0507	ARSENIC	1.4			
S1-SD-20-00-0507	ARSENIC	2.4			
S1-SD-22-00-0507	ARSENIC	0.91			
S1-SD-23-00-0507	ARSENIC	1.4			
S1-SD-24-00-0507-AVG	ARSENIC	1.3			
S1-SD-14-00-0507	BARIUM	100		NA	NA
S1-SD-15-00-0507	BARIUM	58.2			
S1-SD-16-00-0507	BARIUM	3.5			
S1-SD-17-00-0507	BARIUM	2.5	J		
S1-SD-18-00-0507	BARIUM	7	J		
S1-SD-19-00-0507	BARIUM	7.1			
S1-SD-20-00-0507	BARIUM	2.1			
S1-SD-22-00-0507	BARIUM	13.3			
S1-SD-23-00-0507	BARIUM	5			
S1-SD-24-00-0507-AVG	BARIUM	4.65			
S1-SD-14-00-0507	CADMIUM	13.4		0.676	FDEP SQAG
S1-SD-15-00-0507	CADMIUM	3.2			
S1-SD-18-00-0507	CADMIUM	0.42	J		
S1-SD-19-00-0507	CADMIUM	0.52			
S1-SD-20-00-0507	CADMIUM	0.19			

TABLE 3-4

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 5**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-22-00-0507	CADMIUM	0.098		0.676	FDEP SQAG
S1-SD-23-00-0507	CADMIUM	0.1			
S1-SD-24-00-0507-AVG	CADMIUM	0.185			
S1-SD-14-00-0507	CHROMIUM	52.5		52.3	FDEP SQAG
S1-SD-15-00-0507	CHROMIUM	9.2			
S1-SD-16-00-0507	CHROMIUM	5.2			
S1-SD-17-00-0507	CHROMIUM	9.2	J		
S1-SD-18-00-0507	CHROMIUM	5	J		
S1-SD-19-00-0507	CHROMIUM	4.9			
S1-SD-20-00-0507	CHROMIUM	1.5			
S1-SD-21-00-0507	CHROMIUM	0.37			
S1-SD-22-00-0507	CHROMIUM	3.7			
S1-SD-23-00-0507	CHROMIUM	2			
S1-SD-24-00-0507-AVG	CHROMIUM	4			
S1-SD-14-00-0507	COBALT	5.5		NA	NA
S1-SD-15-00-0507	COBALT	0.97			
S1-SD-19-00-0507	COBALT	0.12			
S1-SD-22-00-0507	COBALT	0.14			
S1-SD-24-00-0507-AVG	COBALT	0.06325			
S1-SD-14-00-0507	COPPER	967		18.7	FDEP SQAG
S1-SD-15-00-0507	COPPER	66.8			
S1-SD-16-00-0507	COPPER	9.9			
S1-SD-17-00-0507	COPPER	34.6	J		
S1-SD-18-00-0507	COPPER	18.9	J		
S1-SD-19-00-0507	COPPER	33.2			
S1-SD-20-00-0507	COPPER	11.1			
S1-SD-21-00-0507	COPPER	0.69			
S1-SD-22-00-0507	COPPER	1.2			
S1-SD-23-00-0507	COPPER	3.6			
S1-SD-24-00-0507-AVG	COPPER	7.05			
S1-SD-14-00-0507	IRON	26800		NA	NA
S1-SD-15-00-0507	IRON	1950			
S1-SD-16-00-0507	IRON	588			
S1-SD-17-00-0507	IRON	1210	J		
S1-SD-18-00-0507	IRON	646	J		
S1-SD-19-00-0507	IRON	1230			
S1-SD-20-00-0507	IRON	528			
S1-SD-21-00-0507	IRON	85.3			

TABLE 3-4

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 3 OF 5**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-22-00-0507	IRON	658		NA	NA
S1-SD-23-00-0507	IRON	544			
S1-SD-24-00-0507-AVG	IRON	695.5			
S1-SD-14-00-0507	LEAD	9160			
S1-SD-15-00-0507	LEAD	108			
S1-SD-20-00-0507	LEAD	4			
S1-SD-22-00-0507	LEAD	3.9			
S1-SD-23-00-0507	LEAD	2.9			
S1-SD-24-00-0507-AVG	LEAD	8.3			
S1-SD-14-00-0507	MANGANESE	374		NA	NA
S1-SD-15-00-0507	MANGANESE	36.4			
S1-SD-16-00-0507	MANGANESE	2.3			
S1-SD-17-00-0507	MANGANESE	2.5	J		
S1-SD-18-00-0507	MANGANESE	3	J		
S1-SD-19-00-0507	MANGANESE	6.2			
S1-SD-20-00-0507	MANGANESE	6.9			
S1-SD-21-00-0507	MANGANESE	1.7			
S1-SD-22-00-0507	MANGANESE	10.1			
S1-SD-23-00-0507	MANGANESE	11.2			
S1-SD-24-00-0507-AVG	MANGANESE	10.4			
S1-SD-14-00-0507	MERCURY	10.7		0.13	FDEP SQAG
S1-SD-15-00-0507	MERCURY	0.11			
S1-SD-16-00-0507	MERCURY	0.045			
S1-SD-17-00-0507	MERCURY	0.11	J		
S1-SD-18-00-0507	MERCURY	0.062	J		
S1-SD-19-00-0507	MERCURY	0.21			
S1-SD-20-00-0507	MERCURY	0.077			
S1-SD-22-00-0507	MERCURY	0.013			
S1-SD-23-00-0507	MERCURY	0.012			
S1-SD-24-00-0507-AVG	MERCURY	0.054			
S1-SD-14-00-0507	NICKEL	65.9		15.9	FDEP SQAG
S1-SD-15-00-0507	NICKEL	4.6			
S1-SD-16-00-0507	NICKEL	2.4			
S1-SD-17-00-0507	NICKEL	3.3	J		
S1-SD-18-00-0507	NICKEL	2.9	J		
S1-SD-19-00-0507	NICKEL	3.7			
S1-SD-14-00-0507	SILVER	58		0.733	FDEP SQAG
S1-SD-15-00-0507	SILVER	0.5			

TABLE 3-4

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 4 OF 5**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-23-00-0507	SILVER	0.076		0.733	FDEP SQAG
S1-SD-24-00-0507	SILVER	0.08			
S1-SD-14-00-0507	TIN	77.4		NA	NA
S1-SD-15-00-0507	TIN	1.8			
S1-SD-16-00-0507	TIN	3.3			
S1-SD-17-00-0507	TIN	5.8	J		
S1-SD-18-00-0507	TIN	4	J		
S1-SD-19-00-0507	TIN	2.7			
S1-SD-14-00-0507	VANADIUM	6.5		NA	NA
S1-SD-15-00-0507	VANADIUM	5			
S1-SD-16-00-0507	VANADIUM	12.4			
S1-SD-17-00-0507	VANADIUM	18.4	J		
S1-SD-18-00-0507	VANADIUM	13.3	J		
S1-SD-19-00-0507	VANADIUM	3.4			
S1-SD-20-00-0507	VANADIUM	3.6			
S1-SD-21-00-0507	VANADIUM	1.7			
S1-SD-22-00-0507	VANADIUM	2.8			
S1-SD-23-00-0507	VANADIUM	2.2			
S1-SD-24-00-0507-AVG	VANADIUM	3.55			
S1-SD-14-00-0507	ZINC	1440		124	FDEP SQAG
S1-SD-15-00-0507	ZINC	733			
S1-SD-16-00-0507	ZINC	14.9			
S1-SD-17-00-0507	ZINC	45.3	J		
S1-SD-18-00-0507	ZINC	54.1	J		
S1-SD-19-00-0507	ZINC	75.4			
S1-SD-20-00-0507	ZINC	39.8			
S1-SD-21-00-0507	ZINC	3.5			
S1-SD-22-00-0507	ZINC	4.9			
S1-SD-23-00-0507	ZINC	14.5			
S1-SD-24-00-0507-AVG	ZINC	19.15			
Pesticides (µg/kg)					
S1-SD-20-00-0507	4,4'-DDD	85.6	J	1.78	Background
S1-SD-14-00-0507	4,4'-DDE	444		2.07	FDEP SQAG

TABLE 3-4

**CHEMICALS DETECTED IN SWMU 1 SEDIMENT
DURING POST STORM SURGE SAMPLING
(MAY 2007)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 5 OF 5**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
S1-SD-15-00-0507	4,4'-DDE	123		2.07	FDEP SQAG
S1-SD-19-00-0507	4,4'-DDE	42.9	J		

Shading indicates a concentration in excess of the action level.
(a) The notation "AVG" indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code: J = The associated value is an estimated quantity
(c) Source of Action Level:
FDEP SQAG: Marine sediment quality assessment guideline (MacDonald, 1994))
Background: NASKW background value for sediment
NA: Marine SQAG not available

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
Inorganics (mg/kg)					
S2-SS-01-00-1106	ALUMINUM	869		NA	NA
S2-SS-02-00-1106	ALUMINUM	589			
S2-SS-03-00-1106	ALUMINUM	2120			
S2-SS-04-00-1106	ALUMINUM	1060			
S2-SS-05-00-1106	ALUMINUM	575			
S2-SS-06-00-1106	ALUMINUM	486			
S2-SS-07-00-1106	ALUMINUM	1190			
S2-SS-08-00-1106	ALUMINUM	2130			
S2-SS-09-00-1106	ALUMINUM	3790			
S2-SS-10-00-1106	ALUMINUM	546			
S2-SS-11-00-1106	ALUMINUM	755			
S2-SS-12-00-1106	ALUMINUM	627			
S2-SS-13-00-1106-AVG	ALUMINUM	1890			
S2-SS-14-00-1106	ALUMINUM	1350			
S2-SS-15-00-1106	ALUMINUM	562			
S2-SS-16-00-1106	ALUMINUM	1970			
S2-SS-17-00-1106	ALUMINUM	830			
S2-SS-18-00-1106	ALUMINUM	2440			
S2-SS-19-00-1106	ALUMINUM	464			
S2-SS-20-00-1106	ALUMINUM	1060			
S2-SS-21-00-1106	ALUMINUM	1160			
S2-SS-22-00-1106	ALUMINUM	5130			
S2-SS-04-00-1106	ANTIMONY	1.5		370	Industrial SCTL
S2-SS-21-00-1106	ANTIMONY	0.42			
S2-SS-22-00-1106	ANTIMONY	0.49			
S2-SS-01-00-1106	ARSENIC	39.4		12	Industrial SCTL
S2-SS-02-00-1106	ARSENIC	1.2			
S2-SS-03-00-1106	ARSENIC	1.2			
S2-SS-04-00-1106	ARSENIC	1.6			
S2-SS-05-00-1106	ARSENIC	1.9			
S2-SS-06-00-1106	ARSENIC	1.4			
S2-SS-07-00-1106	ARSENIC	1.1			
S2-SS-08-00-1106	ARSENIC	0.93			
S2-SS-09-00-1106	ARSENIC	1.2			
S2-SS-10-00-1106	ARSENIC	0.63			
S2-SS-11-00-1106	ARSENIC	0.62			
S2-SS-12-00-1106	ARSENIC	0.82			
S2-SS-13-00-1106-AVG	ARSENIC	1.55			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-14-00-1106	ARSENIC	0.69		12	Industrial SCTL
S2-SS-15-00-1106	ARSENIC	0.37			
S2-SS-16-00-1106	ARSENIC	1.1			
S2-SS-17-00-1106	ARSENIC	0.78			
S2-SS-18-00-1106	ARSENIC	1.1			
S2-SS-19-00-1106	ARSENIC	0.8			
S2-SS-20-00-1106	ARSENIC	1.1			
S2-SS-21-00-1106	ARSENIC	1.2			
S2-SS-22-00-1106	ARSENIC	2.7			
S2-SS-01-00-1106	BARIUM	18.1			
S2-SS-02-00-1106	BARIUM	7.8			
S2-SS-03-00-1106	BARIUM	10.4			
S2-SS-04-00-1106	BARIUM	12.6			
S2-SS-05-00-1106	BARIUM	10.8			
S2-SS-06-00-1106	BARIUM	9.6			
S2-SS-07-00-1106	BARIUM	185			
S2-SS-08-00-1106	BARIUM	2240			
S2-SS-09-00-1106	BARIUM	911			
S2-SS-10-00-1106	BARIUM	68.2			
S2-SS-11-00-1106	BARIUM	17.9			
S2-SS-12-00-1106	BARIUM	302			
S2-SS-13-00-1106-AVG	BARIUM	26.75			
S2-SS-14-00-1106	BARIUM	123			
S2-SS-15-00-1106	BARIUM	25.1			
S2-SS-16-00-1106	BARIUM	14.8			
S2-SS-17-00-1106	BARIUM	45.5			
S2-SS-18-00-1106	BARIUM	12.7			
S2-SS-19-00-1106	BARIUM	57.1			
S2-SS-20-00-1106	BARIUM	132			
S2-SS-21-00-1106	BARIUM	13			
S2-SS-22-00-1106	BARIUM	19.7			
S2-SS-01-00-1106	BERYLLIUM	0.029		1400	Industrial SCTL
S2-SS-02-00-1106	BERYLLIUM	0.019			
S2-SS-03-00-1106	BERYLLIUM	0.073			
S2-SS-04-00-1106	BERYLLIUM	0.018			
S2-SS-05-00-1106	BERYLLIUM	0.019			
S2-SS-07-00-1106	BERYLLIUM	0.066			
S2-SS-08-00-1106	BERYLLIUM	0.413			
S2-SS-09-00-1106	BERYLLIUM	0.494			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 3 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-10-00-1106	BERYLLIUM	0.026		1400	Industrial SCTL
S2-SS-11-00-1106	BERYLLIUM	0.028			
S2-SS-12-00-1106	BERYLLIUM	0.059			
S2-SS-13-00-1106-AVG	BERYLLIUM	0.0515			
S2-SS-14-00-1106	BERYLLIUM	0.053			
S2-SS-15-00-1106	BERYLLIUM	0.023			
S2-SS-16-00-1106	BERYLLIUM	0.049			
S2-SS-17-00-1106	BERYLLIUM	0.027			
S2-SS-18-00-1106	BERYLLIUM	0.118			
S2-SS-19-00-1106	BERYLLIUM	0.019			
S2-SS-20-00-1106	BERYLLIUM	0.048			
S2-SS-21-00-1106	BERYLLIUM	0.034			
S2-SS-22-00-1106	BERYLLIUM	0.136			
S2-SS-02-00-1106	CADMIUM	0.4		1700	Industrial SCTL
S2-SS-03-00-1106	CADMIUM	0.95			
S2-SS-04-00-1106	CADMIUM	3.6			
S2-SS-05-00-1106	CADMIUM	0.85			
S2-SS-06-00-1106	CADMIUM	0.29			
S2-SS-07-00-1106	CADMIUM	0.4			
S2-SS-08-00-1106	CADMIUM	0.7			
S2-SS-09-00-1106	CADMIUM	0.57			
S2-SS-10-00-1106	CADMIUM	0.32			
S2-SS-11-00-1106	CADMIUM	0.28			
S2-SS-12-00-1106	CADMIUM	0.29			
S2-SS-13-00-1106-AVG	CADMIUM	0.16			
S2-SS-14-00-1106	CADMIUM	0.41			
S2-SS-15-00-1106	CADMIUM	0.13			
S2-SS-16-00-1106	CADMIUM	0.23			
S2-SS-17-00-1106	CADMIUM	0.25			
S2-SS-18-00-1106	CADMIUM	0.25			
S2-SS-19-00-1106	CADMIUM	0.16			
S2-SS-20-00-1106	CADMIUM	0.62			
S2-SS-21-00-1106	CADMIUM	0.43			
S2-SS-22-00-1106	CADMIUM	0.42			
S2-SS-01-00-1106	CHROMIUM	34.2		470	Industrial SCTL
S2-SS-02-00-1106	CHROMIUM	5.4			
S2-SS-03-00-1106	CHROMIUM	10.6			
S2-SS-04-00-1106	CHROMIUM	12.5			
S2-SS-05-00-1106	CHROMIUM	7.8			
S2-SS-06-00-1106	CHROMIUM	4.3			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 4 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-07-00-1106	CHROMIUM	8.9		470	Industrial SCTL
S2-SS-08-00-1106	CHROMIUM	34.7			
S2-SS-09-00-1106	CHROMIUM	43.3			
S2-SS-10-00-1106	CHROMIUM	8.9			
S2-SS-11-00-1106	CHROMIUM	8.6			
S2-SS-12-00-1106	CHROMIUM	6.3			
S2-SS-13-00-1106-AVG	CHROMIUM	5.55			
S2-SS-14-00-1106	CHROMIUM	4.5			
S2-SS-15-00-1106	CHROMIUM	1.8			
S2-SS-16-00-1106	CHROMIUM	5.3			
S2-SS-17-00-1106	CHROMIUM	3			
S2-SS-18-00-1106	CHROMIUM	5.7			
S2-SS-19-00-1106	CHROMIUM	2.4			
S2-SS-20-00-1106	CHROMIUM	3.5			
S2-SS-21-00-1106	CHROMIUM	4.6			
S2-SS-22-00-1106	CHROMIUM	10			
S2-SS-01-00-1106	COBALT	38.2		42000	Industrial SCTL
S2-SS-02-00-1106	COBALT	0.32			
S2-SS-04-00-1106	COBALT	0.67			
S2-SS-10-00-1106	COBALT	0.3			
S2-SS-11-00-1106	COBALT	0.48			
S2-SS-12-00-1106	COBALT	0.58			
S2-SS-13-00-1106-AVG	COBALT	0.38			
S2-SS-14-00-1106	COBALT	0.73			
S2-SS-15-00-1106	COBALT	0.38			
S2-SS-16-00-1106	COBALT	0.37			
S2-SS-17-00-1106	COBALT	0.35			
S2-SS-18-00-1106	COBALT	0.39			
S2-SS-20-00-1106	COBALT	0.69			
S2-SS-21-00-1106	COBALT	0.28			
S2-SS-22-00-1106	COBALT	0.57			
S2-SS-01-00-1106	COPPER	86.3		89000	Industrial SCTL
S2-SS-02-00-1106	COPPER	6.3			
S2-SS-03-00-1106	COPPER	15.8			
S2-SS-04-00-1106	COPPER	51.1			
S2-SS-05-00-1106	COPPER	13.8			
S2-SS-06-00-1106	COPPER	4.8			
S2-SS-07-00-1106	COPPER	19.5			
S2-SS-08-00-1106	COPPER	43.4			
S2-SS-09-00-1106	COPPER	32.6			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 5 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-10-00-1106	COPPER	8.3		89000	Industrial SCTL
S2-SS-11-00-1106	COPPER	8.8			
S2-SS-12-00-1106	COPPER	11.6			
S2-SS-13-00-1106-AVG	COPPER	8.4			
S2-SS-14-00-1106	COPPER	18.7			
S2-SS-15-00-1106	COPPER	5.6			
S2-SS-16-00-1106	COPPER	8			
S2-SS-17-00-1106	COPPER	5.2			
S2-SS-18-00-1106	COPPER	15			
S2-SS-19-00-1106	COPPER	6.1			
S2-SS-20-00-1106	COPPER	13.8			
S2-SS-21-00-1106	COPPER	19.8			
S2-SS-22-00-1106	COPPER	12.5			
S2-SS-01-00-1106	IRON	247000		NA	NA
S2-SS-02-00-1106	IRON	2360			
S2-SS-03-00-1106	IRON	1740			
S2-SS-04-00-1106	IRON	3200			
S2-SS-05-00-1106	IRON	2210			
S2-SS-06-00-1106	IRON	1030			
S2-SS-07-00-1106	IRON	1770			
S2-SS-08-00-1106	IRON	2460			
S2-SS-09-00-1106	IRON	2900			
S2-SS-10-00-1106	IRON	721			
S2-SS-11-00-1106	IRON	1260			
S2-SS-12-00-1106	IRON	1670			
S2-SS-13-00-1106-AVG	IRON	1205			
S2-SS-14-00-1106	IRON	1410			
S2-SS-15-00-1106	IRON	768			
S2-SS-16-00-1106	IRON	1090			
S2-SS-17-00-1106	IRON	739		NA	NA
S2-SS-18-00-1106	IRON	1550			
S2-SS-19-00-1106	IRON	599			
S2-SS-20-00-1106	IRON	1640			
S2-SS-21-00-1106	IRON	1440			
S2-SS-22-00-1106	IRON	3070			
S2-SS-01-00-1106	LEAD	23.7		1400	Industrial SCTL
S2-SS-02-00-1106	LEAD	24.8			
S2-SS-03-00-1106	LEAD	85.4			
S2-SS-04-00-1106	LEAD	84.1			
S2-SS-05-00-1106	LEAD	78.1			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 6 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-06-00-1106	LEAD	52		1400	Industrial SCTL
S2-SS-07-00-1106	LEAD	37.6			
S2-SS-08-00-1106	LEAD	158			
S2-SS-09-00-1106	LEAD	213			
S2-SS-10-00-1106	LEAD	45.8			
S2-SS-11-00-1106	LEAD	44.7			
S2-SS-12-00-1106	LEAD	42.1			
S2-SS-13-00-1106-AVG	LEAD	20.9			
S2-SS-14-00-1106	LEAD	29.6			
S2-SS-15-00-1106	LEAD	6.8			
S2-SS-16-00-1106	LEAD	22.7			
S2-SS-17-00-1106	LEAD	18.3			
S2-SS-18-00-1106	LEAD	24.3			
S2-SS-19-00-1106	LEAD	13.9			
S2-SS-20-00-1106	LEAD	20			
S2-SS-21-00-1106	LEAD	19.7			
S2-SS-22-00-1106	LEAD	27.1			
S2-SS-01-00-1106	MANGANESE	1680		43000	Industrial SCTL
S2-SS-02-00-1106	MANGANESE	30.7			
S2-SS-03-00-1106	MANGANESE	21			
S2-SS-04-00-1106	MANGANESE	95.3			
S2-SS-05-00-1106	MANGANESE	25.5			
S2-SS-06-00-1106	MANGANESE	14.6			
S2-SS-07-00-1106	MANGANESE	16.6			
S2-SS-08-00-1106	MANGANESE	19.3			
S2-SS-09-00-1106	MANGANESE	24.5			
S2-SS-10-00-1106	MANGANESE	11.8			
S2-SS-11-00-1106	MANGANESE	19.3			
S2-SS-12-00-1106	MANGANESE	21			
S2-SS-13-00-1106-AVG	MANGANESE	39.05			
S2-SS-14-00-1106	MANGANESE	23.5			
S2-SS-15-00-1106	MANGANESE	11.4			
S2-SS-16-00-1106	MANGANESE	16.6			
S2-SS-17-00-1106	MANGANESE	18.5			
S2-SS-18-00-1106	MANGANESE	27.5			
S2-SS-19-00-1106	MANGANESE	8.8			
S2-SS-20-00-1106	MANGANESE	22.1			
S2-SS-21-00-1106	MANGANESE	23.6			
S2-SS-22-00-1106	MANGANESE	46.9			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 7 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-03-00-1106	MERCURY	0.058		17	Industrial SCTL
S2-SS-05-00-1106	MERCURY	0.02			
S2-SS-08-00-1106	MERCURY	0.027			
S2-SS-09-00-1106	MERCURY	0.025			
S2-SS-22-00-1106	MERCURY	0.042			
S2-SS-03-00-1106	MERCURY	0.058			
S2-SS-01-00-1106	NICKEL	127		35000	Industrial SCTL
S2-SS-02-00-1106	NICKEL	3.4			
S2-SS-03-00-1106	NICKEL	3.3			
S2-SS-04-00-1106	NICKEL	39.5			
S2-SS-05-00-1106	NICKEL	5.4			
S2-SS-06-00-1106	NICKEL	1.7			
S2-SS-07-00-1106	NICKEL	2.2			
S2-SS-08-00-1106	NICKEL	3.5			
S2-SS-09-00-1106	NICKEL	3.5			
S2-SS-10-00-1106	NICKEL	1.4			
S2-SS-11-00-1106	NICKEL	1.7			
S2-SS-12-00-1106	NICKEL	1.6			
S2-SS-13-00-1106-AVG	NICKEL	1.7			
S2-SS-14-00-1106	NICKEL	3.1			
S2-SS-15-00-1106	NICKEL	0.99			
S2-SS-16-00-1106	NICKEL	1.8			
S2-SS-17-00-1106	NICKEL	1.5			
S2-SS-18-00-1106	NICKEL	2.1			
S2-SS-19-00-1106	NICKEL	1.2			
S2-SS-20-00-1106	NICKEL	2.5			
S2-SS-21-00-1106	NICKEL	2.2			
S2-SS-22-00-1106	NICKEL	3			
S2-SS-03-00-1106	SELENIUM	0.38		11000	Industrial SCTL
S2-SS-22-00-1106	SELENIUM	0.28			
S2-SS-03-00-1106	SILVER	0.089		8200	Industrial SCTL
S2-SS-04-00-1106	SILVER	0.54			
S2-SS-08-00-1106	SILVER	0.111			
S2-SS-09-00-1106	SILVER	0.294			
S2-SS-21-00-1106	SILVER	0.133			
S2-SS-02-00-1106	VANADIUM	4.2		10000	Industrial SCTL
S2-SS-03-00-1106	VANADIUM	7.2			
S2-SS-04-00-1106	VANADIUM	3.9			
S2-SS-05-00-1106	VANADIUM	3.8		10000	Industrial SCTL
S2-SS-06-00-1106	VANADIUM	3.5			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 8 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-07-00-1106	VANADIUM	8		10000	Industrial SCTL
S2-SS-08-00-1106	VANADIUM	6.5			
S2-SS-09-00-1106	VANADIUM	9.2			
S2-SS-10-00-1106	VANADIUM	4.1			
S2-SS-11-00-1106	VANADIUM	5.7			
S2-SS-12-00-1106	VANADIUM	7.8			
S2-SS-13-00-1106-AVG	VANADIUM	5.6			
S2-SS-14-00-1106	VANADIUM	6.4			
S2-SS-15-00-1106	VANADIUM	3.9			
S2-SS-16-00-1106	VANADIUM	5.7			
S2-SS-17-00-1106	VANADIUM	3.4			
S2-SS-18-00-1106	VANADIUM	5.6			
S2-SS-19-00-1106	VANADIUM	4.4			
S2-SS-20-00-1106	VANADIUM	8.9			
S2-SS-21-00-1106	VANADIUM	6.3			
S2-SS-22-00-1106	VANADIUM	7.1			
S2-SS-01-00-1106	ZINC	64.9		630000	Industrial SCTL
S2-SS-02-00-1106	ZINC	23			
S2-SS-03-00-1106	ZINC	53.7			
S2-SS-04-00-1106	ZINC	66.8			
S2-SS-05-00-1106	ZINC	62.1			
S2-SS-06-00-1106	ZINC	22.6			
S2-SS-07-00-1106	ZINC	52.7			
S2-SS-08-00-1106	ZINC	348			
S2-SS-09-00-1106	ZINC	103			
S2-SS-10-00-1106	ZINC	28.1			
S2-SS-11-00-1106	ZINC	25.7			
S2-SS-12-00-1106	ZINC	30.6			
S2-SS-13-00-1106-AVG	ZINC	22.75			
S2-SS-14-00-1106	ZINC	55.8			
S2-SS-15-00-1106	ZINC	13			
S2-SS-16-00-1106	ZINC	18.1			
S2-SS-17-00-1106	ZINC	18			
S2-SS-18-00-1106	ZINC	39.7			
S2-SS-19-00-1106	ZINC	13.9			
S2-SS-20-00-1106	ZINC	37.1			
S2-SS-21-00-1106	ZINC	33.7			
S2-SS-22-00-1106	ZINC	30.3			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 9 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
SVOCs (µg/kg)					
S2-SS-07-00-1106	ANTHRACENE	200	J	300000000	Industrial SCTL
S2-SS-02-00-1106	BENZO(A)ANTHRACENE	55	J	6600	Industrial SCTL
S2-SS-03-00-1106	BENZO(A)ANTHRACENE	140	J		
S2-SS-04-00-1106	BENZO(A)ANTHRACENE	90	J		
S2-SS-05-00-1106	BENZO(A)ANTHRACENE	230	J		
S2-SS-06-00-1106	BENZO(A)ANTHRACENE	490		6600	Industrial SCTL
S2-SS-07-00-1106	BENZO(A)ANTHRACENE	3800			
S2-SS-08-00-1106	BENZO(A)ANTHRACENE	440	J		
S2-SS-09-00-1106	BENZO(A)ANTHRACENE	1700	J		
S2-SS-10-00-1106	BENZO(A)ANTHRACENE	230	J		
S2-SS-21-00-1106	BENZO(A)ANTHRACENE	210	J		
S2-SS-22-00-1106	BENZO(A)ANTHRACENE	200	J		
S2-SS-01-00-1106	BENZO(A)PYRENE	97	J	700	Industrial SCTL
S2-SS-02-00-1106	BENZO(A)PYRENE	92	J		
S2-SS-03-00-1106	BENZO(A)PYRENE	210	J		
S2-SS-04-00-1106	BENZO(A)PYRENE	190	J		
S2-SS-05-00-1106	BENZO(A)PYRENE	510			
S2-SS-06-00-1106	BENZO(A)PYRENE	920			
S2-SS-07-00-1106	BENZO(A)PYRENE	5800			
S2-SS-08-00-1106	BENZO(A)PYRENE	880			
S2-SS-09-00-1106	BENZO(A)PYRENE	4100	J		
S2-SS-10-00-1106	BENZO(A)PYRENE	450			
S2-SS-21-00-1106	BENZO(A)PYRENE	220	J		
S2-SS-22-00-1106	BENZO(A)PYRENE	260	J		
S2-SS-02-00-1106	BENZO(B)FLUORANTHENE	150	J	6500	Industrial SCTL
S2-SS-03-00-1106	BENZO(B)FLUORANTHENE	290	J		
S2-SS-04-00-1106	BENZO(B)FLUORANTHENE	310	J		
S2-SS-05-00-1106	BENZO(B)FLUORANTHENE	970			
S2-SS-06-00-1106	BENZO(B)FLUORANTHENE	1400			
S2-SS-07-00-1106	BENZO(B)FLUORANTHENE	8200			
S2-SS-08-00-1106	BENZO(B)FLUORANTHENE	1500			
S2-SS-09-00-1106	BENZO(B)FLUORANTHENE	4300	J		
S2-SS-10-00-1106	BENZO(B)FLUORANTHENE	650			
S2-SS-12-00-1106	BENZO(B)FLUORANTHENE	57	J		
S2-SS-21-00-1106	BENZO(B)FLUORANTHENE	310	J		
S2-SS-22-00-1106	BENZO(B)FLUORANTHENE	280	J		
S2-SS-03-00-1106	BENZO(G,H,I)PERYLENE	84	J	52000000	Industrial SCTL
S2-SS-04-00-1106	BENZO(G,H,I)PERYLENE	76	J		
S2-SS-05-00-1106	BENZO(G,H,I)PERYLENE	190	J		

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 10 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-06-00-1106	BENZO(G,H,I)PERYLENE	380	J	52000000	Industrial SCTL
S2-SS-07-00-1106	BENZO(G,H,I)PERYLENE	3600			
S2-SS-08-00-1106	BENZO(G,H,I)PERYLENE	1100			
S2-SS-09-00-1106	BENZO(G,H,I)PERYLENE	2500	J		
S2-SS-10-00-1106	BENZO(G,H,I)PERYLENE	220	J		
S2-SS-21-00-1106	BENZO(G,H,I)PERYLENE	120	J		
S2-SS-22-00-1106	BENZO(G,H,I)PERYLENE	170	J		
S2-SS-02-00-1106	BENZO(K)FLUORANTHENE	95	J	66000	Industrial SCTL
S2-SS-03-00-1106	BENZO(K)FLUORANTHENE	230	J		
S2-SS-04-00-1106	BENZO(K)FLUORANTHENE	220	J		
S2-SS-05-00-1106	BENZO(K)FLUORANTHENE	670			
S2-SS-06-00-1106	BENZO(K)FLUORANTHENE	1100			
S2-SS-07-00-1106	BENZO(K)FLUORANTHENE	5500		66000	Industrial SCTL
S2-SS-08-00-1106	BENZO(K)FLUORANTHENE	960			
S2-SS-09-00-1106	BENZO(K)FLUORANTHENE	3500	J		
S2-SS-10-00-1106	BENZO(K)FLUORANTHENE	390	J		
S2-SS-12-00-1106	BENZO(K)FLUORANTHENE	58	J		
S2-SS-21-00-1106	BENZO(K)FLUORANTHENE	190	J		
S2-SS-22-00-1106	BENZO(K)FLUORANTHENE	210	J		
S2-SS-04-00-1106	BIS(2-ETHYLHEXYL)PHTHALATE	500		390000	Industrial SCTL
S2-SS-10-00-1106	BIS(2-ETHYLHEXYL)PHTHALATE	310	J		
S2-SS-15-00-1106	BIS(2-ETHYLHEXYL)PHTHALATE	170	J		
S2-SS-04-00-1106	BUTYL BENZYL PHTHALATE	220	J	380000000	Industrial SCTL
S2-SS-01-00-1106	CHRYSENE	110	J	640000	Industrial SCTL
S2-SS-02-00-1106	CHRYSENE	110	J		
S2-SS-03-00-1106	CHRYSENE	220	J		
S2-SS-04-00-1106	CHRYSENE	200	J		
S2-SS-05-00-1106	CHRYSENE	520			
S2-SS-06-00-1106	CHRYSENE	1100			
S2-SS-07-00-1106	CHRYSENE	6900			
S2-SS-08-00-1106	CHRYSENE	870			
S2-SS-09-00-1106	CHRYSENE	2700	J		
S2-SS-10-00-1106	CHRYSENE	470			
S2-SS-12-00-1106	CHRYSENE	49	J		
S2-SS-21-00-1106	CHRYSENE	260	J		
S2-SS-22-00-1106	CHRYSENE	260	J		
S2-SS-06-00-1106	DIBENZO(A,H)ANTHRACENE	140	J	700	Industrial SCTL
S2-SS-07-00-1106	DIBENZO(A,H)ANTHRACENE	1200			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 11 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-01-00-1106	FLUORANTHENE	110	J	59000000	Industrial SCTL
S2-SS-02-00-1106	FLUORANTHENE	110	J		
S2-SS-03-00-1106	FLUORANTHENE	380	J		
S2-SS-04-00-1106	FLUORANTHENE	220	J		
S2-SS-05-00-1106	FLUORANTHENE	620			
S2-SS-06-00-1106	FLUORANTHENE	1100			
S2-SS-07-00-1106	FLUORANTHENE	8600			
S2-SS-08-00-1106	FLUORANTHENE	590			
S2-SS-09-00-1106	FLUORANTHENE	1800	J		
S2-SS-10-00-1106	FLUORANTHENE	340	J		
S2-SS-12-00-1106	FLUORANTHENE	56	J		
S2-SS-21-00-1106	FLUORANTHENE	220	J		
S2-SS-22-00-1106	FLUORANTHENE	290	J		
S2-SS-02-00-1106	INDENO(1,2,3-CD)PYRENE	58	J	6600	Industrial SCTL
S2-SS-03-00-1106	INDENO(1,2,3-CD)PYRENE	130	J		
S2-SS-04-00-1106	INDENO(1,2,3-CD)PYRENE	140	J		
S2-SS-05-00-1106	INDENO(1,2,3-CD)PYRENE	300	J		
S2-SS-06-00-1106	INDENO(1,2,3-CD)PYRENE	590			
S2-SS-07-00-1106	INDENO(1,2,3-CD)PYRENE	4700			
S2-SS-08-00-1106	INDENO(1,2,3-CD)PYRENE	1400			
S2-SS-09-00-1106	INDENO(1,2,3-CD)PYRENE	3300	J		
S2-SS-10-00-1106	INDENO(1,2,3-CD)PYRENE	350	J		
S2-SS-22-00-1106	INDENO(1,2,3-CD)PYRENE	180	J		
S2-SS-03-00-1106	PHENANTHRENE	200	J	36000000	Industrial SCTL
S2-SS-04-00-1106	PHENANTHRENE	56	J		
S2-SS-05-00-1106	PHENANTHRENE	140	J		
S2-SS-06-00-1106	PHENANTHRENE	220	J		
S2-SS-07-00-1106	PHENANTHRENE	3100			
S2-SS-08-00-1106	PHENANTHRENE	150	J		
S2-SS-10-00-1106	PHENANTHRENE	59	J		
S2-SS-22-00-1106	PHENANTHRENE	81	J		
S2-SS-01-00-1106	PYRENE	110	J	45000000	Industrial SCTL
S2-SS-02-00-1106	PYRENE	98	J		
S2-SS-03-00-1106	PYRENE	270	J		
S2-SS-04-00-1106	PYRENE	210	J		
S2-SS-05-00-1106	PYRENE	460	J		
S2-SS-06-00-1106	PYRENE	920			
S2-SS-07-00-1106	PYRENE	7500			
S2-SS-08-00-1106	PYRENE	1000			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 12 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-09-00-1106	PYRENE	2200	J	45000000	Industrial SCTL
S2-SS-10-00-1106	PYRENE	270	J		
S2-SS-21-00-1106	PYRENE	320	J		
S2-SS-22-00-1106	PYRENE	410	J		
Pesticides (µg/kg)					
S2-SS-01-00-1106	4,4'-DDD	4.4	J		
S2-SS-02-00-1106	4,4'-DDD	11	J		
S2-SS-03-00-1106	4,4'-DDD	21	J		
S2-SS-04-00-1106	4,4'-DDD	31	J		
S2-SS-05-00-1106	4,4'-DDD	3	J		
S2-SS-06-00-1106	4,4'-DDD	1.8	J		
S2-SS-07-00-1106	4,4'-DDD	13	J		
S2-SS-08-00-1106	4,4'-DDD	2.3	J		
S2-SS-10-00-1106	4,4'-DDD	5.4			
S2-SS-11-00-1106	4,4'-DDD	2			
S2-SS-12-00-1106	4,4'-DDD	2.7			
S2-SS-13-00-1106-AVG	4,4'-DDD	3.25			
S2-SS-16-00-1106	4,4'-DDD	0.74	J		
S2-SS-17-00-1106	4,4'-DDD	0.98	J		
S2-SS-19-00-1106	4,4'-DDD	1.2	J		
S2-SS-20-00-1106	4,4'-DDD	1.6			
S2-SS-21-00-1106	4,4'-DDD	15			
S2-SS-22-00-1106	4,4'-DDD	0.87	J		
S2-SS-01-00-1106	4,4'-DDE	64	J	15000	Industrial SCTL
S2-SS-02-00-1106	4,4'-DDE	14	J		
S2-SS-03-00-1106	4,4'-DDE	240	J		
S2-SS-04-00-1106	4,4'-DDE	82	J		
S2-SS-05-00-1106	4,4'-DDE	3.4	J	15000	Industrial SCTL
S2-SS-06-00-1106	4,4'-DDE	4.2	J		
S2-SS-07-00-1106	4,4'-DDE	23	J		
S2-SS-08-00-1106	4,4'-DDE	9.6	J		
S2-SS-09-00-1106	4,4'-DDE	190	J		
S2-SS-10-00-1106	4,4'-DDE	23			
S2-SS-11-00-1106	4,4'-DDE	5.9			
S2-SS-12-00-1106	4,4'-DDE	25			
S2-SS-13-00-1106-AVG	4,4'-DDE	165	J		
S2-SS-14-00-1106	4,4'-DDE	6.4			
S2-SS-15-00-1106	4,4'-DDE	1.7			
S2-SS-16-00-1106	4,4'-DDE	4.3			
S2-SS-17-00-1106	4,4'-DDE	48			

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 13 OF 14**

Sample[a]	Parameter	Result	Qual[b]	Industrial Action Level	Action Level Source[c]
S2-SS-18-00-1106	4,4'-DDE	2.2		15000	Industrial SCTL
S2-SS-19-00-1106	4,4'-DDE	14			
S2-SS-20-00-1106	4,4'-DDE	26			
S2-SS-21-00-1106	4,4'-DDE	62			
S2-SS-22-00-1106	4,4'-DDE	2			
S2-SS-01-00-1106	4,4'-DDT	4.9	J		
S2-SS-02-00-1106	4,4'-DDT	27	J		
S2-SS-03-00-1106	4,4'-DDT	44	J		
S2-SS-04-00-1106	4,4'-DDT	38	J		
S2-SS-05-00-1106	4,4'-DDT	3.5	J		
S2-SS-10-00-1106	4,4'-DDT	32			
S2-SS-12-00-1106	4,4'-DDT	23			
S2-SS-19-00-1106	4,4'-DDT	9.9			
S2-SS-20-00-1106	4,4'-DDT	20			
S2-SS-21-00-1106	4,4'-DDT	14			
S2-SS-07-00-1106	ALPHA-BHC	1.8	J	600	Industrial SCTL
S2-SS-03-00-1106	BETA-BHC	1.1		2400	Industrial SCTL
S2-SS-04-00-1106	BETA-BHC	0.67	J		
S2-SS-07-00-1106	BETA-BHC	1.6	J		
S2-SS-21-00-1106	BETA-BHC	0.44	J		
S2-SS-07-00-1106	DELTA-BHC	2.3		490000	Industrial SCTL
S2-SS-10-00-1106	DELTA-BHC	0.44	J		
S2-SS-03-00-1106	ENDOSULFAN I	1.2	J	7600000	Industrial SCTL
S2-SS-04-00-1106	ENDOSULFAN I	0.49	J		
S2-SS-05-00-1106	ENDOSULFAN I	0.41	J		
S2-SS-07-00-1106	ENDOSULFAN I	2.5	J		
S2-SS-09-00-1106	ENDOSULFAN I	1.7			
S2-SS-10-00-1106	ENDOSULFAN I	0.7	J		
S2-SS-21-00-1106	ENDOSULFAN I	0.32	J		
S2-SS-01-00-1106	ENDOSULFAN II	5.7	J	7600000	Industrial SCTL
S2-SS-04-00-1106	ENDOSULFAN II	1.2	J		
S2-SS-05-00-1106	ENDOSULFAN II	3.3	J		
S2-SS-07-00-1106	ENDOSULFAN II	11	J		
S2-SS-10-00-1106	ENDOSULFAN II	1.7		7600000	Industrial SCTL
S2-SS-17-00-1106	ENDOSULFAN II	0.7	J		
S2-SS-20-00-1106	ENDOSULFAN II	0.44	J		
S2-SS-04-00-1106	ENDOSULFAN SULFATE	1.1	J	7600000	Industrial SCTL
S2-SS-05-00-1106	ENDOSULFAN SULFATE	0.81	J		
S2-SS-06-00-1106	ENDOSULFAN SULFATE	1.2	J		

TABLE 3-5

**CHEMICALS DETECTED IN SWMU 2 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 14 OF 14**

Sample[(a)]	Parameter	Result	Qual[(b)]	Industrial Action Level	Action Level Source[(c)]
S2-SS-07-00-1106	ENDOSULFAN SULFATE	7.4	J	7600000	Industrial SCTL
S2-SS-09-00-1106	ENDOSULFAN SULFATE	8.2			
S2-SS-10-00-1106	ENDOSULFAN SULFATE	3.3			
S2-SS-17-00-1106	ENDOSULFAN SULFATE	1.8	J		
S2-SS-05-00-1106	ENDRIN	1.3	J	510000	Industrial SCTL
S2-SS-08-00-1106	ENDRIN	2.7	J		
S2-SS-10-00-1106	ENDRIN	6.1			
S2-SS-11-00-1106	ENDRIN	1.7			
S2-SS-14-00-1106	ENDRIN	2	J		
S2-SS-16-00-1106	ENDRIN	0.71	J		
S2-SS-17-00-1106	ENDRIN	2.8			
S2-SS-18-00-1106	ENDRIN	2.6			
S2-SS-19-00-1106	ENDRIN	1.6			
S2-SS-01-00-1106	ENDRIN ALDEHYDE	18	J	510000	Industrial SCTL
S2-SS-02-00-1106	ENDRIN ALDEHYDE	0.91	J		
S2-SS-03-00-1106	ENDRIN ALDEHYDE	14	J		
S2-SS-04-00-1106	ENDRIN ALDEHYDE	1.1	J		
S2-SS-05-00-1106	ENDRIN ALDEHYDE	3.9	J		
S2-SS-06-00-1106	ENDRIN ALDEHYDE	0.52	J		
S2-SS-09-00-1106	ENDRIN ALDEHYDE	17	J		
S2-SS-13-00-1106-D	ENDRIN ALDEHYDE	1.4	J		
S2-SS-17-00-1106	ENDRIN ALDEHYDE	2.5			
S2-SS-18-00-1106	ENDRIN ALDEHYDE	3.2			
S2-SS-20-00-1106	ENDRIN ALDEHYDE	1.8			
S2-SS-21-00-1106	ENDRIN ALDEHYDE	1.5			
S2-SS-07-00-1106	HEPTACHLOR	0.93	J	1000	Industrial SCTL
S2-SS-08-00-1106	HEPTACHLOR	0.61	J		
S2-SS-09-00-1106	HEPTACHLOR	4.2			
S2-SS-10-00-1106	HEPTACHLOR	0.36	J		
S2-SS-09-00-1106	HEPTACHLOR EPOXIDE	24		500	Industrial SCTL
S2-SS-10-00-1106	HEPTACHLOR EPOXIDE	1.3			
S2-SS-13-00-1106	METHOXYCHLOR	2.9	J	8800000	Industrial SCTL

Shading indicates a concentration in excess of the action level.
(a) The notation “AVG” indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code: J = The associated value is an estimated quantity
(c) Source of Action Level:
Industrial SCTL: Industrial soil cleanup target level; FAC 62-777
NA: Industrial SCTL not available in FAC 62-777

TABLE 3-6

**CHEMICALS DETECTED IN SWMU 2 SURFACE WATER
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**

Sample	Parameter	Result	Qual[(a)]	Action Level	Source of Action Level[(b)]
Inorganics (µg/L)					
S2-SW-01-00-1106	BARIUM	16.6		NA	NA
S2-SW-02-00-1106	BARIUM	16.6			
S2-SW-03-00-1106	BARIUM	16.6			
S2-SW-04-00-1106	BARIUM	16.3			
S2-SW-05-00-1106	BARIUM	16.2			
S2-SW-06-00-1106	BARIUM	16.2			
S2-SW-07-00-1106	BARIUM	16.5			
S2-SW-08-00-1106	BARIUM	16.1			
S2-SW-09-00-1106	BARIUM	16.5			
S2-SW-10-00-1106	BARIUM	17.1			
S2-SW-11-00-1106	BARIUM	13.8			
S2-SW-12-00-1106	BARIUM	13.8			
S2-SW-13-00-1106	BARIUM	14.4			
S2-SW-11-00-1106	IRON	68		300	Marine surface water CTL
S2-SW-12-00-1106	IRON	85			
S2-SW-13-00-1106	IRON	44.7			
S2-SW-01-00-1106	THALLIUM	4		7.3	Background
S2-SW-05-00-1106	THALLIUM	4.4			
S2-SW-11-00-1106	THALLIUM	3.5			
Pesticides (µg/L)					
S2-SW-13-00-1106	4,4'-DDD	0.017	J	0.0003	Marine surface water CTL

Shading indicates a concentration in excess of the action level.
(a) Data qualifier code: J = The associated value is an estimated quantity
(b) Source of Action Level:
Marine surface water cleanup target level (CTL); FAC 62-777
Background: NASKW background value for surface water
NA: Marine surface water CTL not available in FAC 62-777

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 6**

Sample	Parameter	Result	Qual[a]	Action Level	Action Level Source[b]
Inorganics (mg/kg)					
S2-SD-01-00-1106	ALUMINUM	2840	J	NA	NA
S2-SD-02-00-1106	ALUMINUM	1950			
S2-SD-03-00-1106	ALUMINUM	2290	J		
S2-SD-04-00-1106	ALUMINUM	2090	J		
S2-SD-05-00-1106	ALUMINUM	1500			
S2-SD-06-00-1106	ALUMINUM	2080			
S2-SD-07-00-1106	ALUMINUM	2450	J		
S2-SD-08-00-1106	ALUMINUM	3640	J		
S2-SD-09-00-1106	ALUMINUM	2470	J		
S2-SD-10-00-1106	ALUMINUM	293			
S2-SD-11-00-1106	ALUMINUM	9480	J		
S2-SD-12-00-1106	ALUMINUM	7070	J		
S2-SD-13-00-1106	ALUMINUM	1620	J		
S2-SD-06-00-1106	ANTIMONY	0.78		NA	NA
S2-SD-01-00-1106	ARSENIC	2.9	J	7.24	FDEP SQAG
S2-SD-02-00-1106	ARSENIC	1.5			
S2-SD-03-00-1106	ARSENIC	2	J		
S2-SD-04-00-1106	ARSENIC	2.1	J		
S2-SD-05-00-1106	ARSENIC	0.93			
S2-SD-06-00-1106	ARSENIC	2			
S2-SD-07-00-1106	ARSENIC	2.3	J		
S2-SD-08-00-1106	ARSENIC	3	J		
S2-SD-09-00-1106	ARSENIC	2.5	J		
S2-SD-10-00-1106	ARSENIC	0.83			
S2-SD-11-00-1106	ARSENIC	5.3	J		
S2-SD-12-00-1106	ARSENIC	3.3	J		
S2-SD-13-00-1106	ARSENIC	2.1	J		
S2-SD-01-00-1106	BARIUM	14.6	J	NA	NA
S2-SD-02-00-1106	BARIUM	13			
S2-SD-03-00-1106	BARIUM	16.5	J		
S2-SD-04-00-1106	BARIUM	11	J		
S2-SD-05-00-1106	BARIUM	12.6			
S2-SD-06-00-1106	BARIUM	14.5			
S2-SD-07-00-1106	BARIUM	15	J		
S2-SD-08-00-1106	BARIUM	15.5	J		
S2-SD-09-00-1106	BARIUM	15	J		
S2-SD-10-00-1106	BARIUM	10.1			
S2-SD-11-00-1106	BARIUM	19	J		
S2-SD-12-00-1106	BARIUM	13.2	J		
S2-SD-13-00-1106	BARIUM	8.7	J		

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 6**

Sample	Parameter	Result	Qual[a]	Action Level	Action Level Source[b]
S2-SD-01-00-1106	BERYLLIUM	0.084	J	NA	NA
S2-SD-02-00-1106	BERYLLIUM	0.05			
S2-SD-03-00-1106	BERYLLIUM	0.064	J		
S2-SD-04-00-1106	BERYLLIUM	0.07	J		
S2-SD-05-00-1106	BERYLLIUM	0.043			
S2-SD-06-00-1106	BERYLLIUM	0.074		NA	NA
S2-SD-07-00-1106	BERYLLIUM	0.074	J		
S2-SD-08-00-1106	BERYLLIUM	0.124	J		
S2-SD-09-00-1106	BERYLLIUM	0.081	J		
S2-SD-11-00-1106	BERYLLIUM	0.363	J		
S2-SD-12-00-1106	BERYLLIUM	0.225	J		
S2-SD-13-00-1106	BERYLLIUM	0.069	J		
S2-SD-01-00-1106	CADMIUM	2.1	J	0.676	FDEP SQAG
S2-SD-02-00-1106	CADMIUM	1.1			
S2-SD-03-00-1106	CADMIUM	1.3	J		
S2-SD-04-00-1106	CADMIUM	1.6	J		
S2-SD-05-00-1106	CADMIUM	0.76			
S2-SD-06-00-1106	CADMIUM	1.5			
S2-SD-07-00-1106	CADMIUM	2.1	J		
S2-SD-08-00-1106	CADMIUM	2	J		
S2-SD-09-00-1106	CADMIUM	1.6	J		
S2-SD-10-00-1106	CADMIUM	0.22			
S2-SD-11-00-1106	CADMIUM	1.2	J		
S2-SD-12-00-1106	CADMIUM	1.5	J		
S2-SD-13-00-1106	CADMIUM	1.9	J		
S2-SD-01-00-1106	CHROMIUM	14.3	J	52.3	FDEP SQAG
S2-SD-02-00-1106	CHROMIUM	9			
S2-SD-03-00-1106	CHROMIUM	11.2	J		
S2-SD-04-00-1106	CHROMIUM	10.7	J		
S2-SD-05-00-1106	CHROMIUM	7.4			
S2-SD-06-00-1106	CHROMIUM	11.3			
S2-SD-07-00-1106	CHROMIUM	14	J		
S2-SD-08-00-1106	CHROMIUM	16.4	J		
S2-SD-09-00-1106	CHROMIUM	11.6	J		
S2-SD-10-00-1106	CHROMIUM	2			
S2-SD-11-00-1106	CHROMIUM	20.7	J		
S2-SD-12-00-1106	CHROMIUM	16.4	J		
S2-SD-13-00-1106	CHROMIUM	10.7	J		
S2-SD-12-00-1106	COBALT	1.2	J	NA	NA

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 3 OF 6**

Sample	Parameter	Result	Qual[a]	Action Level	Action Level Source[b]
S2-SD-01-00-1106	COPPER	45.6	J	18.7	FDEP SQAG
S2-SD-02-00-1106	COPPER	24.9			
S2-SD-03-00-1106	COPPER	31.3	J		
S2-SD-04-00-1106	COPPER	36.2	J		
S2-SD-05-00-1106	COPPER	20			
S2-SD-06-00-1106	COPPER	34.1			
S2-SD-07-00-1106	COPPER	51.7	J		
S2-SD-08-00-1106	COPPER	52	J		
S2-SD-09-00-1106	COPPER	36.5	J		
S2-SD-10-00-1106	COPPER	6.8			
S2-SD-11-00-1106	COPPER	31.9	J		
S2-SD-12-00-1106	COPPER	38.8	J		
S2-SD-13-00-1106	COPPER	32.4	J		
S2-SD-01-00-1106	IRON	2350	J	NA	NA
S2-SD-02-00-1106	IRON	1400			
S2-SD-03-00-1106	IRON	1690	J		
S2-SD-04-00-1106	IRON	1640	J		
S2-SD-05-00-1106	IRON	1170			
S2-SD-06-00-1106	IRON	1770			
S2-SD-07-00-1106	IRON	2270	J		
S2-SD-08-00-1106	IRON	2830	J		
S2-SD-09-00-1106	IRON	2050	J		
S2-SD-10-00-1106	IRON	1600			
S2-SD-11-00-1106	IRON	5140	J		
S2-SD-12-00-1106	IRON	3920	J		
S2-SD-13-00-1106	IRON	2860	J		
S2-SD-01-00-1106	LEAD	77.4	J	34.18	Background
S2-SD-02-00-1106	LEAD	40.9			
S2-SD-03-00-1106	LEAD	56.5	J		
S2-SD-04-00-1106	LEAD	54	J		
S2-SD-05-00-1106	LEAD	35			
S2-SD-06-00-1106	LEAD	68.2			
S2-SD-07-00-1106	LEAD	82.3	J		
S2-SD-08-00-1106	LEAD	77.7	J		
S2-SD-09-00-1106	LEAD	61	J		
S2-SD-10-00-1106	LEAD	7			
S2-SD-11-00-1106	LEAD	34.8	J		
S2-SD-12-00-1106	LEAD	55.3	J		
S2-SD-13-00-1106	LEAD	64.3	J		

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 4 OF 6**

Sample	Parameter	Result	Qual[a]	Action Level	Action Level Source[b]
S2-SD-01-00-1106	MANGANESE	29.4	J	NA	NA
S2-SD-02-00-1106	MANGANESE	20			
S2-SD-03-00-1106	MANGANESE	31.3	J		
S2-SD-04-00-1106	MANGANESE	22.2	J		
S2-SD-05-00-1106	MANGANESE	18.7			
S2-SD-06-00-1106	MANGANESE	26.6			
S2-SD-07-00-1106	MANGANESE	32.7	J		
S2-SD-08-00-1106	MANGANESE	38.1	J		
S2-SD-09-00-1106	MANGANESE	29.1	J		
S2-SD-10-00-1106	MANGANESE	11.3			
S2-SD-11-00-1106	MANGANESE	38.2	J		
S2-SD-12-00-1106	MANGANESE	33.7	J		
S2-SD-13-00-1106	MANGANESE	19.8	J		
S2-SD-01-00-1106	NICKEL	5.4	J	15.9	FDEP SQAG
S2-SD-02-00-1106	NICKEL	3.5			
S2-SD-03-00-1106	NICKEL	4.2	J		
S2-SD-04-00-1106	NICKEL	4.6	J		
S2-SD-05-00-1106	NICKEL	2.7			
S2-SD-06-00-1106	NICKEL	4			
S2-SD-07-00-1106	NICKEL	4.7	J		
S2-SD-08-00-1106	NICKEL	7.2	J		
S2-SD-09-00-1106	NICKEL	4.7	J		
S2-SD-10-00-1106	NICKEL	4.2			
S2-SD-11-00-1106	NICKEL	11.2	J		
S2-SD-12-00-1106	NICKEL	8.9	J		
S2-SD-13-00-1106	NICKEL	4.3	J		
S2-SD-01-00-1106	SELENIUM	0.91	J	NA	NA
S2-SD-03-00-1106	SELENIUM	0.53	J		
S2-SD-08-00-1106	SELENIUM	1.2	J		
S2-SD-11-00-1106	SELENIUM	2.4	J		
S2-SD-12-00-1106	SELENIUM	1.6	J		
S2-SD-01-00-1106	SILVER	0.189	J	0.733	FDEP SQAG
S2-SD-07-00-1106	SILVER	0.225	J		
S2-SD-01-00-1106	VANADIUM	12.9	J	NA	NA
S2-SD-02-00-1106	VANADIUM	7.9			
S2-SD-03-00-1106	VANADIUM	9.5	J		
S2-SD-04-00-1106	VANADIUM	9.8	J		
S2-SD-05-00-1106	VANADIUM	6.4			
S2-SD-06-00-1106	VANADIUM	10.2			
S2-SD-07-00-1106	VANADIUM	9.9	J		
S2-SD-08-00-1106	VANADIUM	17.2	J		

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 5 OF 6**

Sample	Parameter	Result	Qual[a]	Action Level	Action Level Source[b]
S2-SD-09-00-1106	VANADIUM	12	J	NA	NA
S2-SD-10-00-1106	VANADIUM	2.3			
S2-SD-11-00-1106	VANADIUM	19.3	J		
S2-SD-12-00-1106	VANADIUM	14.8	J		
S2-SD-13-00-1106	VANADIUM	5.9	J		
S2-SD-01-00-1106	ZINC	83.7	J		
S2-SD-02-00-1106	ZINC	45.7			
S2-SD-03-00-1106	ZINC	56.5	J		
S2-SD-04-00-1106	ZINC	66.5	J		
S2-SD-05-00-1106	ZINC	36.6			
S2-SD-06-00-1106	ZINC	64.9			
S2-SD-07-00-1106	ZINC	88	J		
S2-SD-08-00-1106	ZINC	97.8	J		
S2-SD-09-00-1106	ZINC	71.3	J		
S2-SD-10-00-1106	ZINC	38.2			
S2-SD-11-00-1106	ZINC	99.5	J		
S2-SD-12-00-1106	ZINC	123	J		
S2-SD-13-00-1106	ZINC	87.3	J		
SVOCs (µg/kg)					
S2-SD-07-00-1106	PYRENE	300	J	153	FDEP SQAG
Pesticides (µg/kg)					
S2-SD-01-00-1106	4,4'-DDD	14	J	1.78	Background
S2-SD-02-00-1106	4,4'-DDD	8.6			
S2-SD-03-00-1106	4,4'-DDD	9.4	J		
S2-SD-04-00-1106	4,4'-DDD	16	J		
S2-SD-06-00-1106	4,4'-DDD	12			
S2-SD-07-00-1106	4,4'-DDD	11	J		
S2-SD-08-00-1106	4,4'-DDD	15	J	1.78	Background
S2-SD-09-00-1106	4,4'-DDD	10	J		
S2-SD-10-00-1106	4,4'-DDD	16			
S2-SD-13-00-1106	4,4'-DDD	2800	J		
S2-SD-01-00-1106	4,4'-DDE	780	J	2.07	FDEP SQAG
S2-SD-02-00-1106	4,4'-DDE	310			
S2-SD-03-00-1106	4,4'-DDE	350	J		
S2-SD-04-00-1106	4,4'-DDE	450	J		
S2-SD-05-00-1106	4,4'-DDE	150			
S2-SD-06-00-1106	4,4'-DDE	470			
S2-SD-07-00-1106	4,4'-DDE	400			
S2-SD-08-00-1106	4,4'-DDE	460	J		
S2-SD-09-00-1106	4,4'-DDE	390	J		

TABLE 3-7

**CHEMICALS DETECTED IN SWMU 2 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 6 OF 6**

Sample	Parameter	Result	Qual[(a)]	Action Level	Action Level Source[(b)]
S2-SD-10-00-1106	4,4'-DDE	20		2.07	FDEP SQAG
S2-SD-11-00-1106	4,4'-DDE	260	J		
S2-SD-12-00-1106	4,4'-DDE	880	J		
S2-SD-13-00-1106	4,4'-DDE	2000	J		
S2-SD-01-00-1106	4,4'-DDT	3.6	J		
S2-SD-04-00-1106	4,4'-DDT	3.2	J		
S2-SD-06-00-1106	4,4'-DDT	7.7			
S2-SD-07-00-1106	4,4'-DDT	8.9	J		
S2-SD-09-00-1106	4,4'-DDT	8.9	J		
S2-SD-11-00-1106	4,4'-DDT	3.4	J		
S2-SD-12-00-1106	4,4'-DDT	3.6	J		
S2-SD-13-00-1106	4,4'-DDT	75	J		
S2-SD-06-00-1106	ENDOSULFAN II	2	J	NA	NA
S2-SD-01-00-1106	ENDRIN	4.3	J	NA	NA
S2-SD-02-00-1106	ENDRIN	3.4	J		
S2-SD-04-00-1106	ENDRIN	4.5	J		
S2-SD-08-00-1106	ENDRIN	6.5	J		
S2-SD-09-00-1106	ENDRIN	5.8	J		
S2-SD-01-00-1106	ENDRIN ALDEHYDE	2.7	J	NA	NA
S2-SD-02-00-1106	ENDRIN ALDEHYDE	2.4	J		
S2-SD-04-00-1106	ENDRIN ALDEHYDE	3.5	J		
S2-SD-06-00-1106	ENDRIN ALDEHYDE	2.6	J		
S2-SD-07-00-1106	ENDRIN ALDEHYDE	2.4	J		
S2-SD-08-00-1106	ENDRIN ALDEHYDE	4.4	J		
S2-SD-12-00-1106	ENDRIN ALDEHYDE	5.6	J		

Shading indicates a concentration in excess of the action level.
(a) Data qualifier code: J = The associated value is an estimated quantity
(b) Source of Action Level:
FDEP SQAG: Marine sediment quality assessment guideline (MacDonald, 1994))
Background: NASKW background value for sediment
NA: Marine SQAG not available

TABLE 3-8

**CHEMICALS DETECTED IN SWMU 4 SURFACE SOIL
DURING POST STORM SURGE SAMPLING
(NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**

Sample	Parameter	Result	Action Level	Source of Action Level[(a)]
S4-SS-102-00-1106	ANTIMONY	0.52	27	Residential SCTL
S4-SS-103-00-1106	ANTIMONY	0.38		
S4-SS-104-00-1106	ANTIMONY	0.5		
S4-SS-106-00-1106	ANTIMONY	0.29		
S4-SS-101-00-1106	BERYLLIUM	0.015	120	Residential SCTL
S4-SS-102-00-1106	BERYLLIUM	0.044		
S4-SS-103-00-1106	BERYLLIUM	0.096		
S4-SS-104-00-1106	BERYLLIUM	0.032		
S4-SS-106-00-1106	BERYLLIUM	0.017		
S4-SS-101-00-1106	CADMIUM	1.4	82	Residential SCTL
S4-SS-102-00-1106	CADMIUM	5		
S4-SS-103-00-1106	CADMIUM	14.8		
S4-SS-104-00-1106	CADMIUM	9.2		
S4-SS-105-00-1106	CADMIUM	1.4		
S4-SS-106-00-1106	CADMIUM	0.79		

(a) Residential soil cleanup target level; FAC 62-777

TABLE 3-9

**CHEMICALS DETECTED IN SWMU 5 SURFACE SOIL
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**

Sample	Parameter	Result	Qual[(a)]	Action Level	Source of Action Level
Inorganics (mg/kg)					
S5-SS-01-00-1106	ARSENIC	5.7		2.66	Background[(b)]
S5-SS-02-00-1106	ARSENIC	15.7	J		
S5-SS-03-00-1106	ARSENIC	9.3			
S5-SS-04-00-1106	ARSENIC	7.8			

Shading indicates a concentration in excess of the action level.
(a) Data qualifier code: J = The associated value is an estimated quantity
(b) NAS Key West background value for surface soil.

TABLE 3-10

**CHEMICALS DETECTED IN SWMU 5 SURFACE WATER
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**

Sample[(a)]	Parameter	Result	Qual[(b)]	Action Level	Source of Action Level[(c)]
Inorganics (µg/L)					
S5-SW-01-00-1106	ALUMINUM	53.1		1500	Marine surface water CTL
S5-SW-02-00-1106-AVG	ALUMINUM	55.25			
S5-SW-03-00-1106	ALUMINUM	62.7			
S5-SW-04-00-1106	ALUMINUM	68.5			
S5-SW-05-00-1106	ALUMINUM	69.8			
S5-SW-06-00-1106	ALUMINUM	51.3			
S5-SW-01-00-1106	ARSENIC	4.1		50	Marine surface water CTL
S5-SW-03-00-1106	ARSENIC	3.7			
S5-SW-01-00-1106	BARIUM	6.5		NA	NA
S5-SW-02-00-1106-AVG	BARIUM	5.95			
S5-SW-03-00-1106	BARIUM	9.9			
S5-SW-04-00-1106	BARIUM	9.9			
S5-SW-05-00-1106	BARIUM	9.8			
S5-SW-06-00-1106	BARIUM	10.3			
S5-SW-07-00-1106	BARIUM	10			
S5-SW-06-00-1106	THALLIUM	3.4		7.3	Background
S5-SW-07-00-1106	THALLIUM	3.8			
S5-SW-02-00-1106	ZINC	67.9	J	86	Marine surface water CTL
Pesticides (µg/L)					
S5-SW-02-00-1106-AVG	BETA-BHC	0.00635[(d)]		0.046	Marine surface water CTL
S5-SW-02-00-1106-AVG	GAMMA-BHC (LINDANE)	0.00885[(d)]		0.063	Marine surface water CTL
S5-SW-02-00-1106-AVG	HEPTACHLOR	0.04535[(d)]	J	0.00021	Marine surface water CTL
S5-SW-02-00-1106-AVG	HEPTACHLOR EPOXIDE	0.04135[(d)]	J	0.00004	Marine surface water CTL

Shading indicates a concentration in excess of the action level.
(a) "AVG" indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code; J = The associated value is an estimated quantity.
(c) Source of Action Level:
Marine surface water cleanup target level (CTL); FAC 62-777
Background: NASKW background value for surface water
NA: Marine surface water CTL not available in FAC 62-777
(d) The parameter was detected in only one of two duplicate samples. The indicated value was obtained by averaging the detected value with one-half the detection limit of the non-detected result.

TABLE 3-11

**CHEMICALS DETECTED IN SWMU 5 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**
PAGE 1 OF 3

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
Inorganics (mg/kg)					
S5-SD-01-00-1106	ALUMINUM	3090	J	NA	NA
S5-SD-02-00-1106-AVG	ALUMINUM	1780	J		
S5-SD-03-00-1106	ALUMINUM	1760			
S5-SD-04-00-1106	ALUMINUM	1030			
S5-SD-05-00-1106	ALUMINUM	500			
S5-SD-06-00-1106	ALUMINUM	726			
S5-SD-07-00-1106	ALUMINUM	560			
S5-SD-01-00-1106	ARSENIC	5.3	J	7.24	FDEP SQAG
S5-SD-02-00-1106-AVG	ARSENIC	6.55[d]	J		
S5-SD-03-00-1106	ARSENIC	2.4			
S5-SD-04-00-1106	ARSENIC	1.8			
S5-SD-05-00-1106	ARSENIC	1.4			
S5-SD-06-00-1106	ARSENIC	3			
S5-SD-07-00-1106	ARSENIC	1.5			
S5-SD-01-00-1106	BARIUM	14.3	J	NA	NA
S5-SD-02-00-1106-AVG	BARIUM	15.4	J		
S5-SD-03-00-1106	BARIUM	6.8			
S5-SD-04-00-1106	BARIUM	6.1			
S5-SD-05-00-1106	BARIUM	4.8			
S5-SD-06-00-1106	BARIUM	8.4			
S5-SD-07-00-1106	BARIUM	6.9			
S5-SD-01-00-1106	BERYLLIUM	0.167	J	NA	NA
S5-SD-02-00-1106-AVG	BERYLLIUM	0.0875	J		
S5-SD-03-00-1106	BERYLLIUM	0.059			
S5-SD-04-00-1106	BERYLLIUM	0.036			
S5-SD-01-00-1106	CADMIUM	6.7	J	0.676	FDEP SQAG
S5-SD-02-00-1106-AVG	CADMIUM	1.6	J		
S5-SD-03-00-1106	CADMIUM	0.3			
S5-SD-04-00-1106	CADMIUM	0.2			
S5-SD-05-00-1106	CADMIUM	0.13			
S5-SD-06-00-1106	CADMIUM	0.17			
S5-SD-07-00-1106	CADMIUM	0.14			
S5-SD-01-00-1106	CHROMIUM	46.4	J	52.3	FDEP SQAG
S5-SD-02-00-1106-AVG	CHROMIUM	16.1	J		
S5-SD-03-00-1106	CHROMIUM	5.6			
S5-SD-04-00-1106	CHROMIUM	3.9			
S5-SD-05-00-1106	CHROMIUM	2.1			
S5-SD-06-00-1106	CHROMIUM	3.3			

TABLE 3-11

**CHEMICALS DETECTED IN SWMU 5 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**
PAGE 2 OF 3

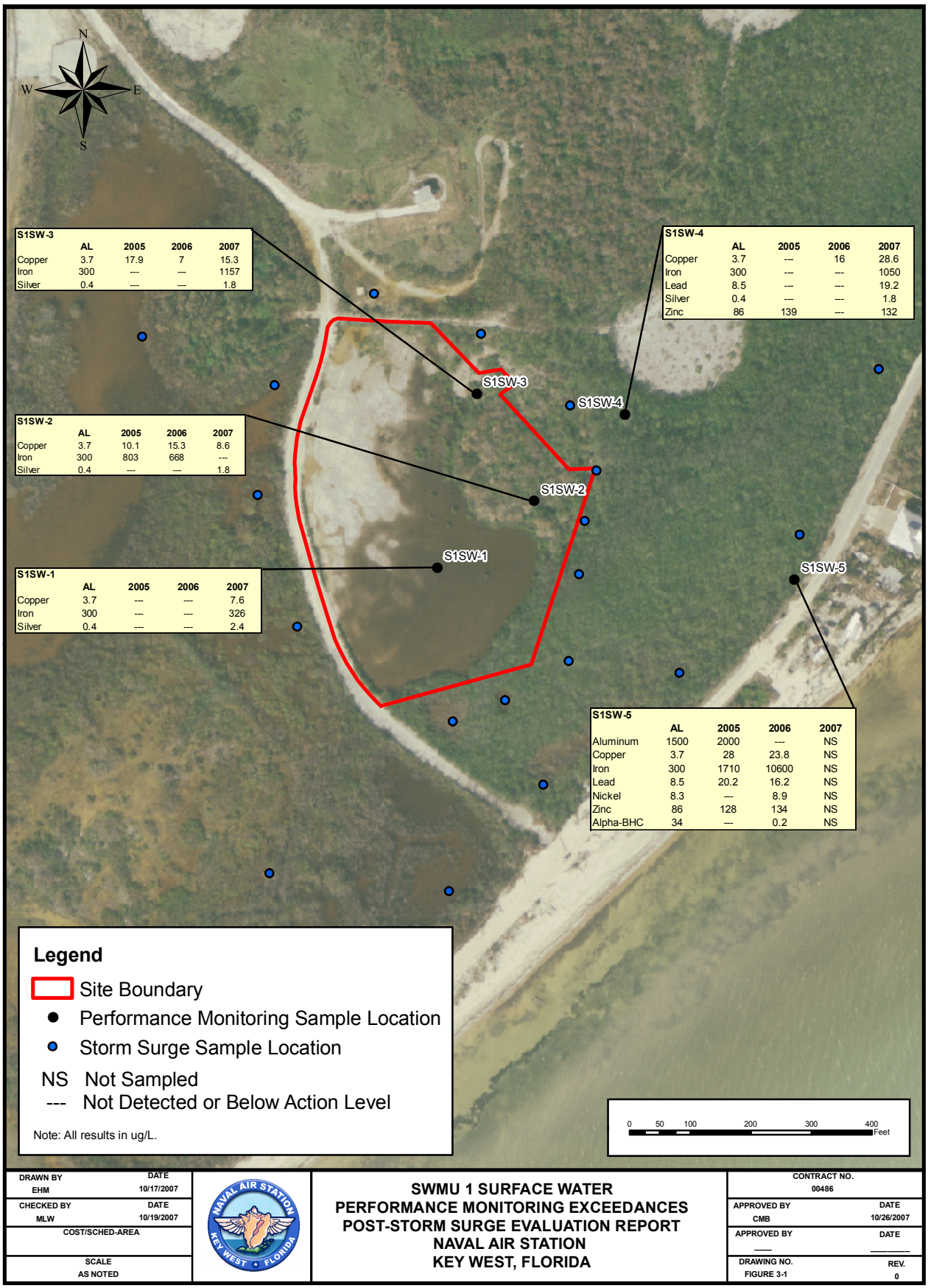
Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
S5-SD-07-00-1106	CHROMIUM	3			
S5-SD-01-00-1106	COPPER	22.4	J	18.7	FDEP SQAG
S5-SD-02-00-1106-AVG	COPPER	8.7	J		
S5-SD-03-00-1106	COPPER	4.3			
S5-SD-04-00-1106	COPPER	2.5			
S5-SD-05-00-1106	COPPER	1.7			
S5-SD-06-00-1106	COPPER	2.2			
S5-SD-07-00-1106	COPPER	1.6		18.7	FDEP SQAG
S5-SD-01-00-1106	IRON	2510	J	NA	NA
S5-SD-02-00-1106-AVG	IRON	1140	J		
S5-SD-03-00-1106	IRON	896			
S5-SD-04-00-1106	IRON	543			
S5-SD-05-00-1106	IRON	319			
S5-SD-06-00-1106	IRON	405			
S5-SD-07-00-1106	IRON	349			
S5-SD-01-00-1106	LEAD	60.8	J	34.18	Background
S5-SD-02-00-1106-AVG	LEAD	25.35	J		
S5-SD-03-00-1106	LEAD	8	J		
S5-SD-04-00-1106	LEAD	6.2	J		
S5-SD-05-00-1106	LEAD	4.5	J		
S5-SD-06-00-1106	LEAD	6.9			
S5-SD-07-00-1106	LEAD	5.3			
S5-SD-01-00-1106	MANGANESE	18.1	J	NA	NA
S5-SD-02-00-1106-AVG	MANGANESE	14.65	J		
S5-SD-03-00-1106	MANGANESE	12			
S5-SD-04-00-1106	MANGANESE	9.5			
S5-SD-05-00-1106	MANGANESE	6.5			
S5-SD-06-00-1106	MANGANESE	9.4			
S5-SD-07-00-1106	MANGANESE	10.8			
S5-SD-01-00-1106	MERCURY	0.11	J	0.13	FDEP SQAG
S5-SD-01-00-1106	NICKEL	5.9	J	15.9	FDEP SQAG
S5-SD-02-00-1106-AVG	NICKEL	2.75	J		
S5-SD-03-00-1106	NICKEL	1.7			
S5-SD-04-00-1106	NICKEL	0.98			
S5-SD-05-00-1106	NICKEL	0.53			
S5-SD-06-00-1106	NICKEL	0.78			
S5-SD-01-00-1106	SILVER	0.665	J	0.733	FDEP SQAG
S5-SD-02-00-1106-AVG	SILVER	0.2295[d]	J		
S5-SD-01-00-1106	VANADIUM	10.5	J	NA	NA

TABLE 3-11

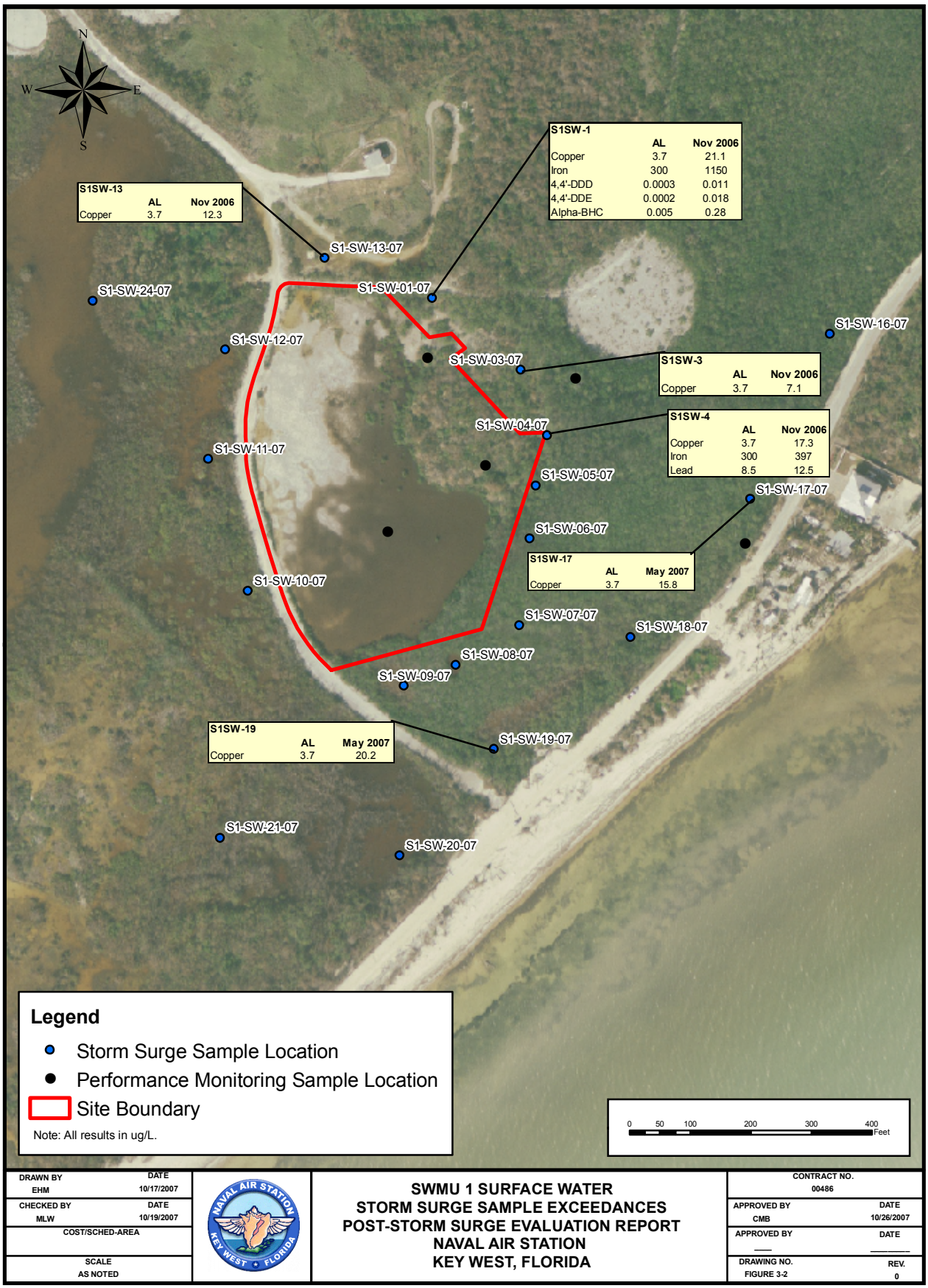
**CHEMICALS DETECTED IN SWMU 5 SEDIMENT
DURING POST STORM SURGE SAMPLING (NOVEMBER 2006)
NAVAL AIR STATION
KEY WEST, FLORIDA**
PAGE 3 OF 3

Sample[a]	Parameter	Result	Qual[b]	Action Level	Source of Action Level[c]
S5-SD-02-00-1106-AVG	VANADIUM	7.35	J		
S5-SD-03-00-1106	VANADIUM	10			
S5-SD-04-00-1106	VANADIUM	4.1			
S5-SD-05-00-1106	VANADIUM	3.4			
S5-SD-06-00-1106	VANADIUM	4.4			
S5-SD-07-00-1106	VANADIUM	3			
S5-SD-01-00-1106	ZINC	226	J		
S5-SD-02-00-1106-AVG	ZINC	67.3	J		
S5-SD-03-00-1106	ZINC	10.4			
S5-SD-04-00-1106	ZINC	7		124	FDEP SQAG
S5-SD-05-00-1106	ZINC	4.7			
S5-SD-06-00-1106	ZINC	6.6			
S5-SD-07-00-1106	ZINC	4.5			
Pesticides (µg/kg)					
S5-SD-01-00-1106	4,4'-DDD	6.7	J	1.78	Background
S5-SD-01-00-1106	4,4'-DDE	6.9	J		
S5-SD-03-00-1106	4,4'-DDE	3	J	2.07	FDEP SQAG
S5-SD-04-00-1106	4,4'-DDE	1.4	J		
S5-SD-04-00-1106	4,4'-DDT	1.3	J	1.76	Background
S5-SD-02-00-1106-AVG	ALPHA-BHC	1.825[d]	J	NA	NA
S5-SD-01-00-1106	BETA-BHC	8.4	J	NA	NA
S5-SD-01-00-1106	DELTA-BHC	3.8	J		
S5-SD-03-00-1106	DELTA-BHC	0.92	J	NA	NA
S5-SD-04-00-1106	DELTA-BHC	0.68	J		
S5-SD-01-00-1106	ENDOSULFAN SULFATE	3.8	J	NA	NA
S5-SD-01-00-1106	ENDRIN	2.7	J	NA	NA
S5-SD-02-00-1106-AVG	GAMMA-BHC (LINDANE)	1.925[d]	J	1.22	Background
S5-SD-04-00-1106	GAMMA-BHC (LINDANE)	0.93	J		
S5-SD-01-00-1106	HEPTACHLOR EPOXIDE	3	J	NA	NA
S5-SD-01-00-1106	METHOXYCHLOR	4.4	J	NA	NA
S5-SD-02-00-1106-AVG	METHOXYCHLOR	1.975[d]	J		

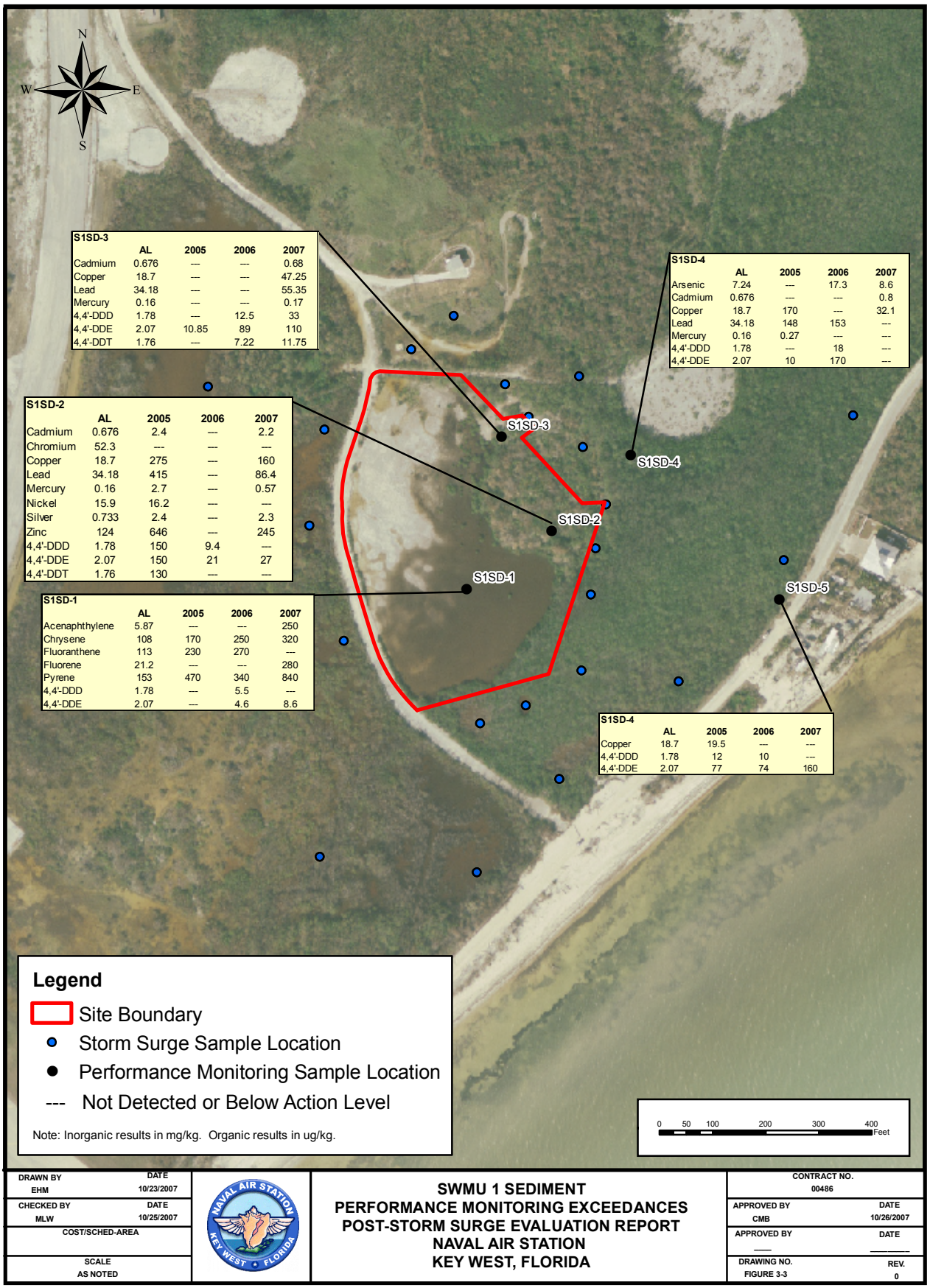
Shading indicates a concentration in excess of the action level.
(a) "AVG" indicates that duplicate samples were collected and averaged for the reported result.
(b) Data qualifier code; J = The associated value is an estimated quantity.
(c) Source of Action Level:
FDEP SQAG: Marine sediment quality assessment guideline (MacDonald, 1994))
Background: NASKW background value for sediment
NA: Marine SQAG not available
(d) The parameter was detected in only one of two duplicate samples. The indicated value was obtained by averaging the detected value with one-half the detection limit of the non-detected result.



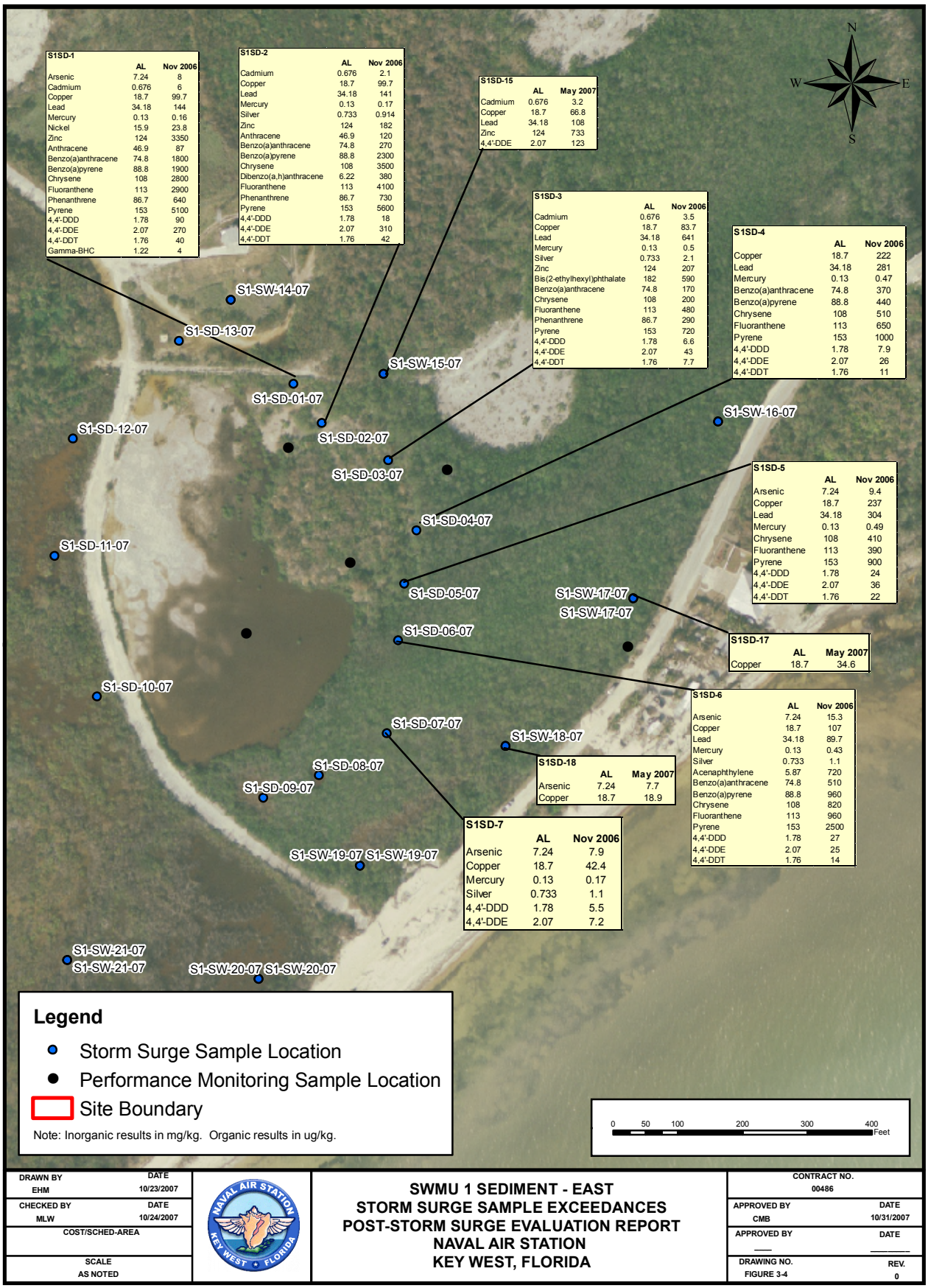
DRAWN BY EHM	DATE 10/17/2007	SWMU 1 SURFACE WATER PERFORMANCE MONITORING EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/19/2007		APPROVED BY CMB / DATE 10/26/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-1 / REV. 0



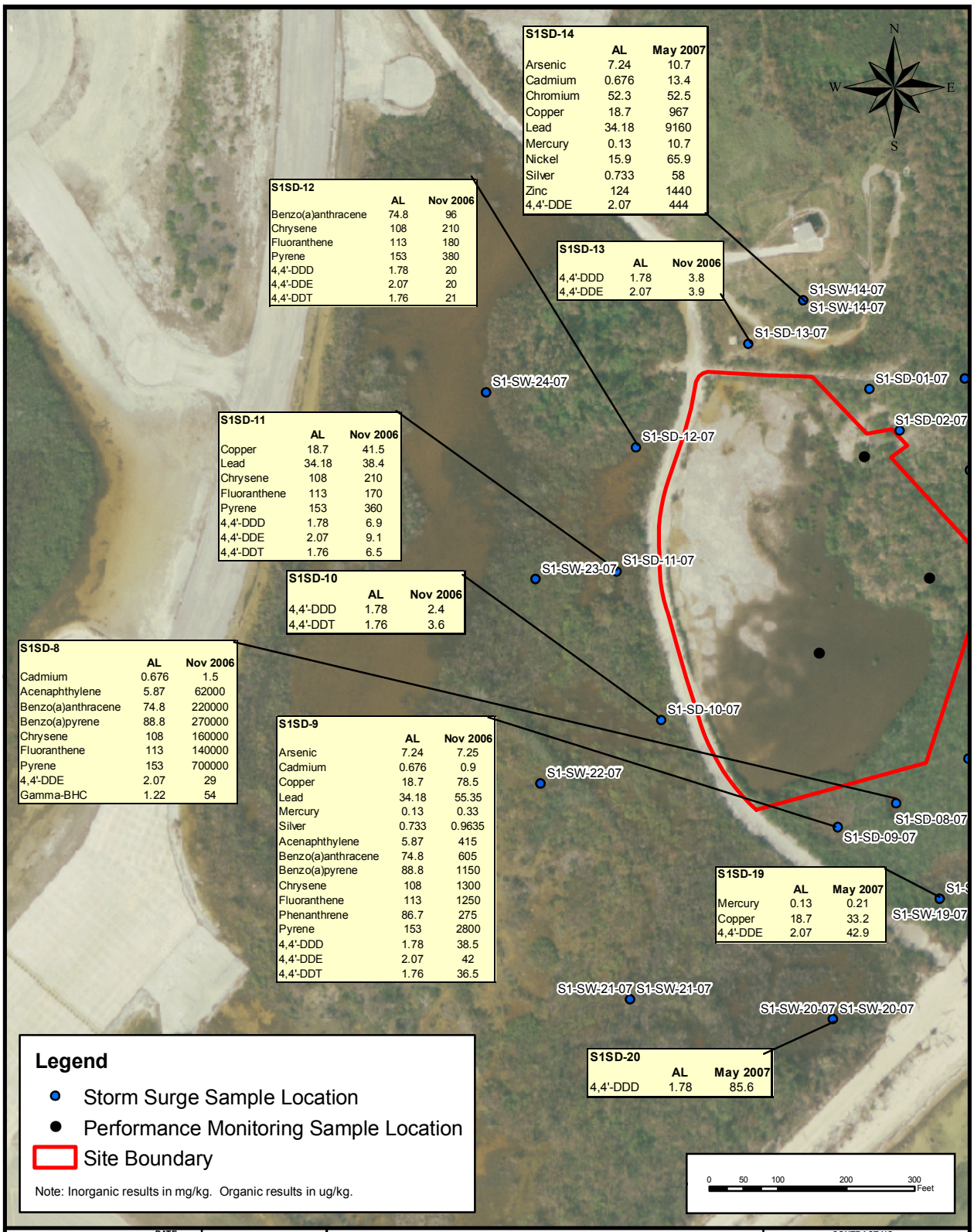
DRAWN BY EHM	DATE 10/17/2007	SWMU 1 SURFACE WATER STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/19/2007		APPROVED BY CMB / DATE 10/26/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-2 / REV. 0



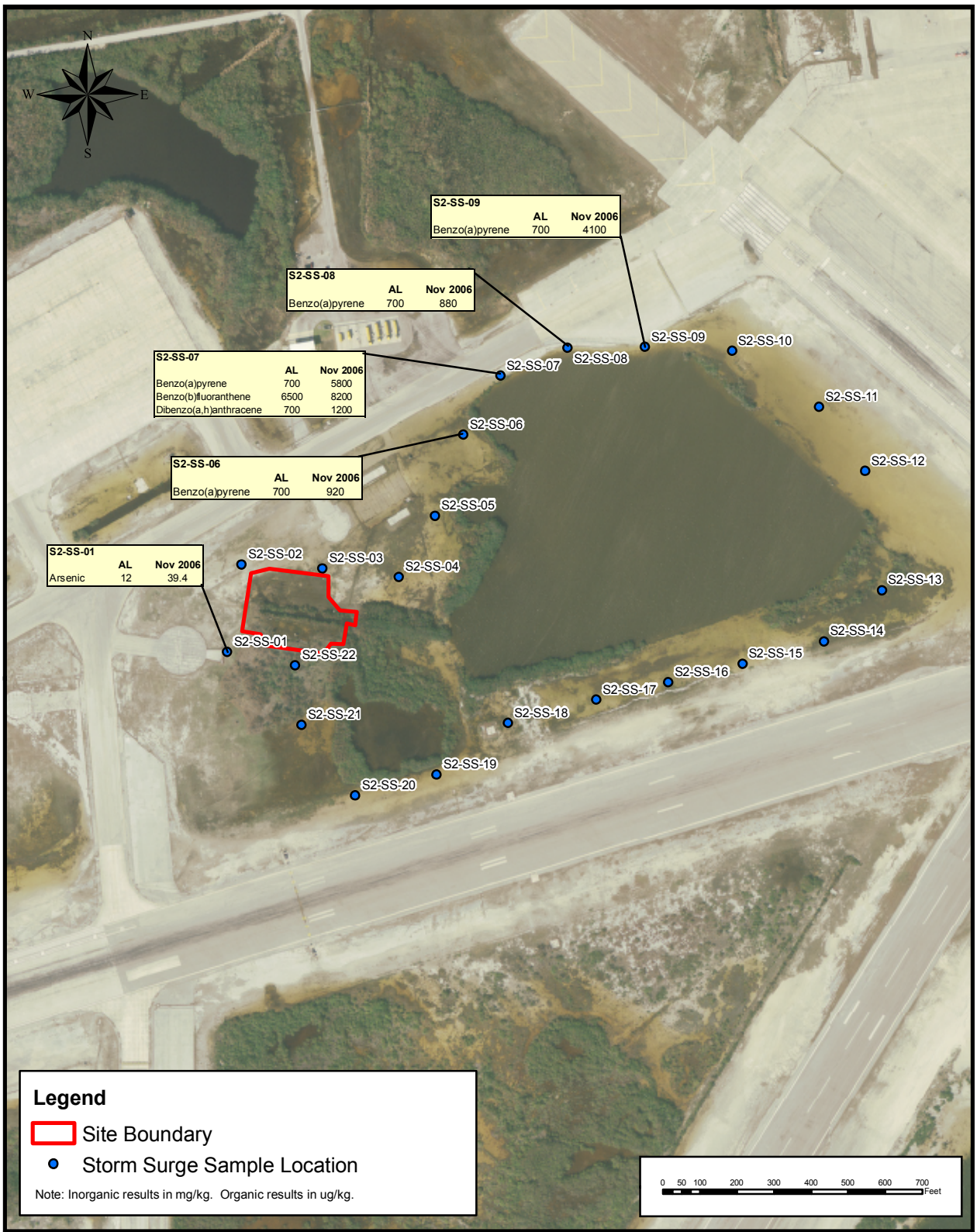
DRAWN BY EHM	DATE 10/23/2007		SWMU 1 SEDIMENT PERFORMANCE MONITORING EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486	
CHECKED BY MLW	DATE 10/25/2007			APPROVED BY CMB	DATE 10/26/2007
COST/SCHED-AREA				APPROVED BY ___	DATE ___
SCALE AS NOTED				DRAWING NO. FIGURE 3-3	REV. 0



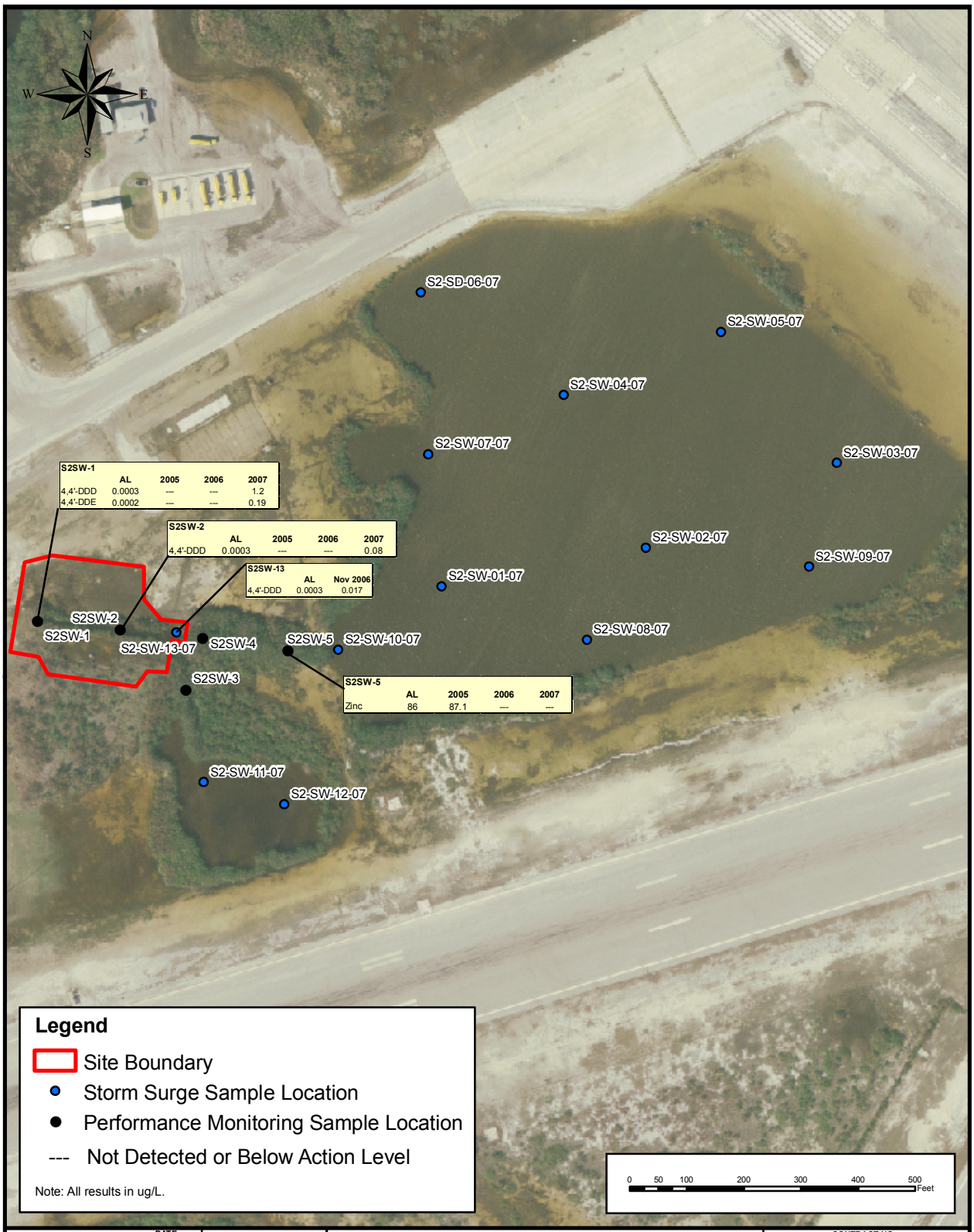
DRAWN BY EHM	DATE 10/23/2007	SWMU 1 SEDIMENT - EAST STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/24/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-4 / REV. 0



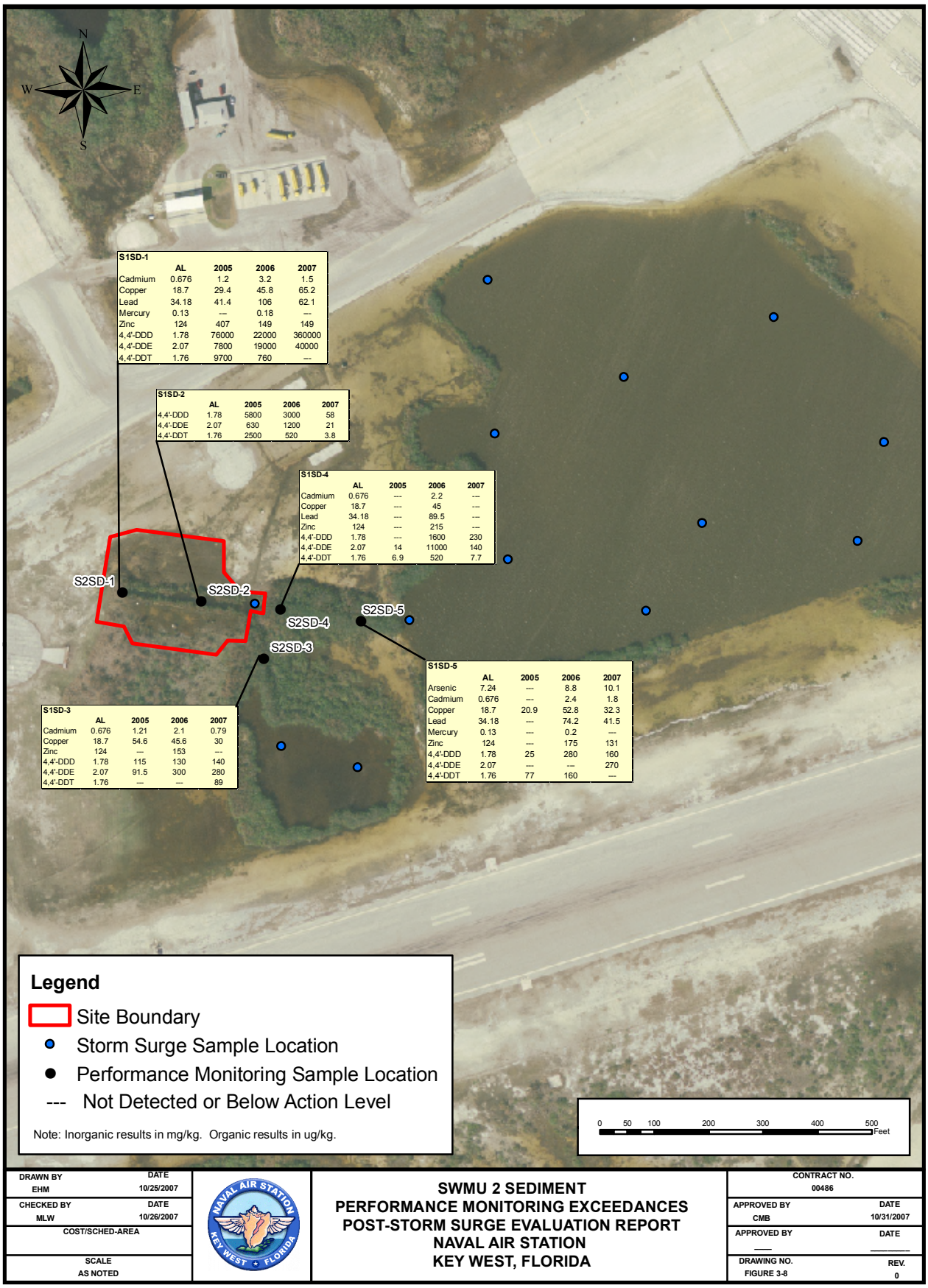
DRAWN BY EHM	DATE 10/24/2007	SWMU 1 SEDIMENT - WEST STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/26/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-5 / REV. 0



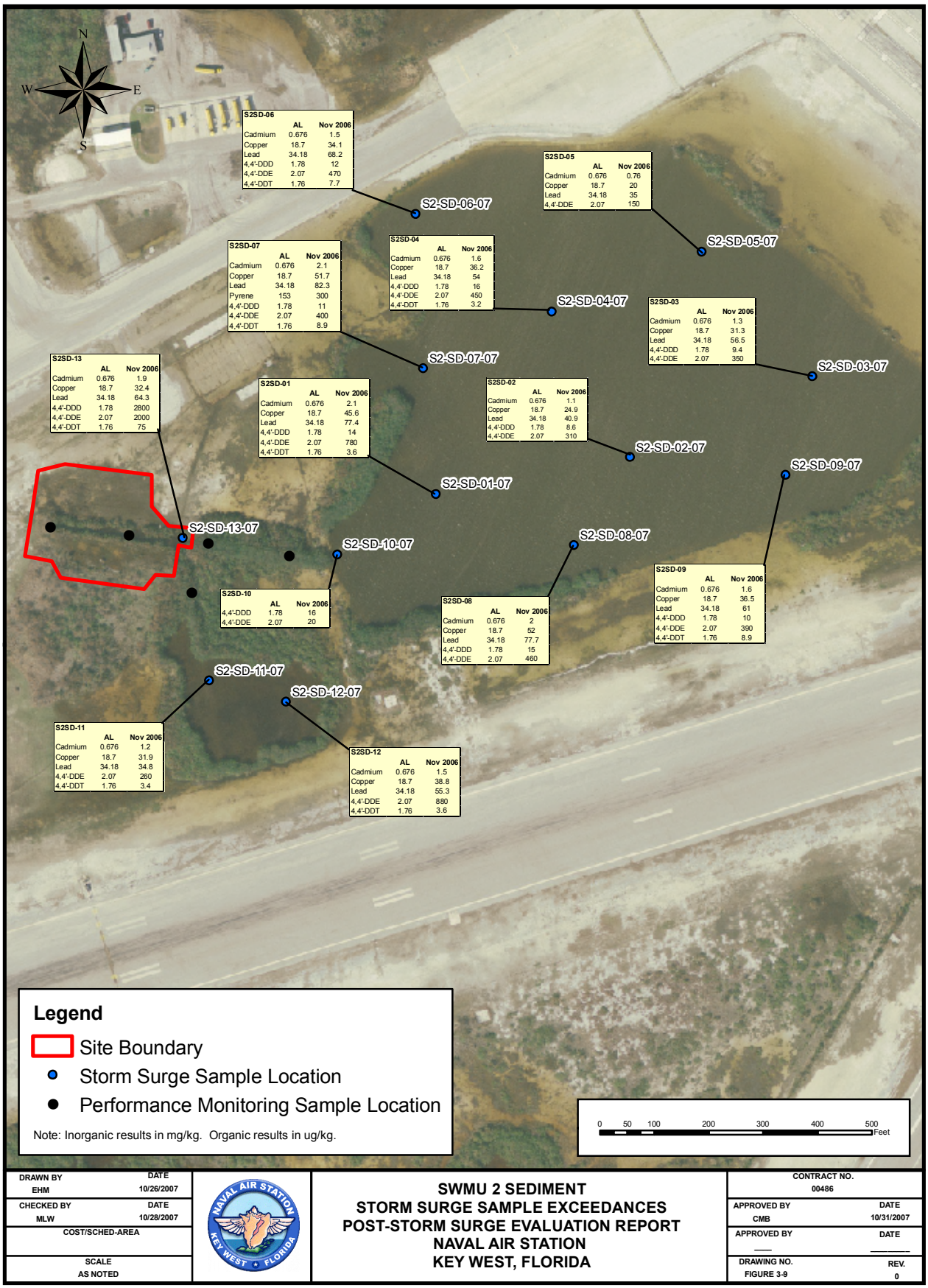
DRAWN BY EHM	DATE 10/24/2007	SWMU 2 SOIL STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/26/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-6 / REV. 0



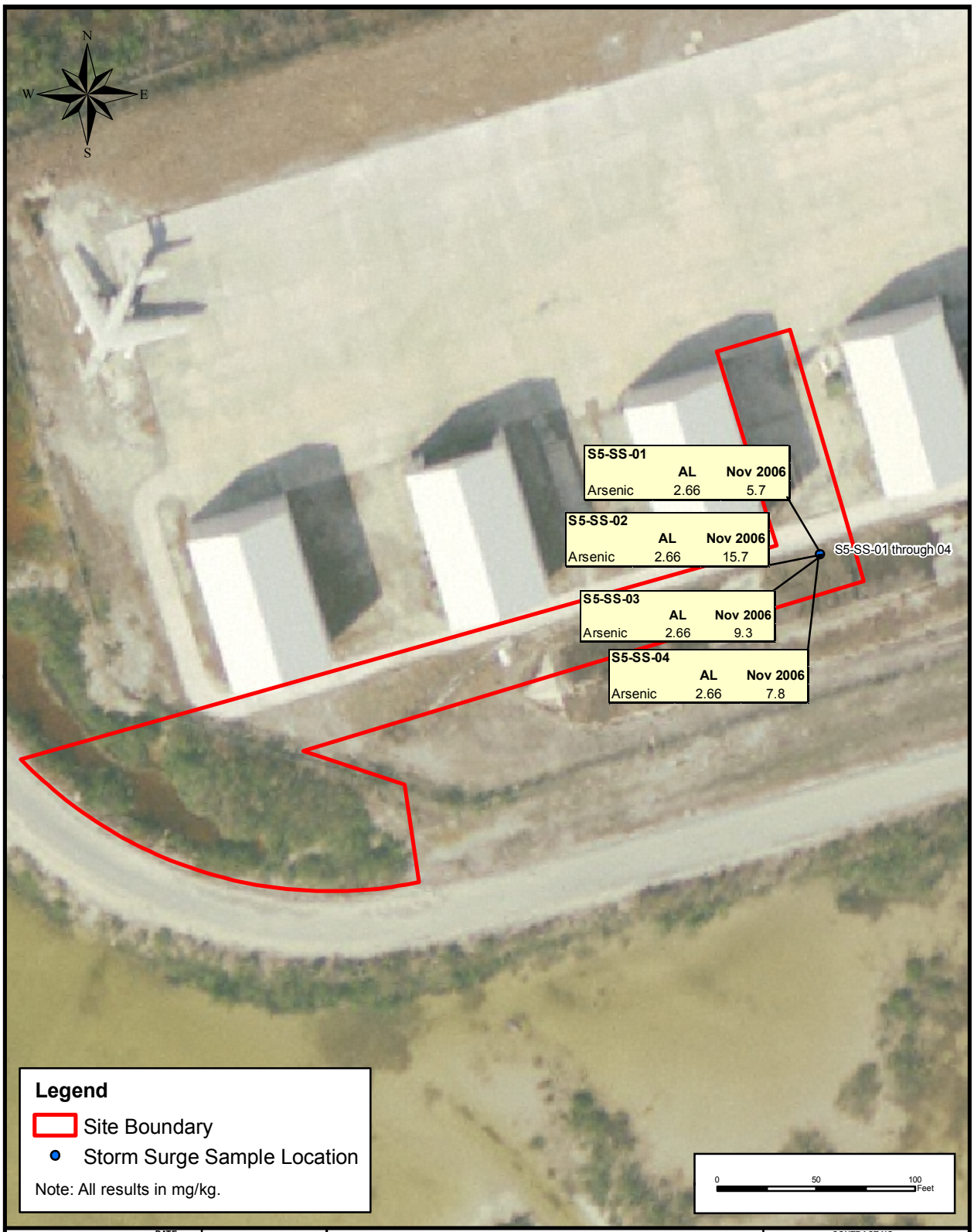
DRAWN BY EHM	DATE 10/25/2007	SWMU 2 SURFACE WATER PERFORMANCE MONITORING AND STORM SURGE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/26/2007		APPROVED BY CMB DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-7 REV. 0



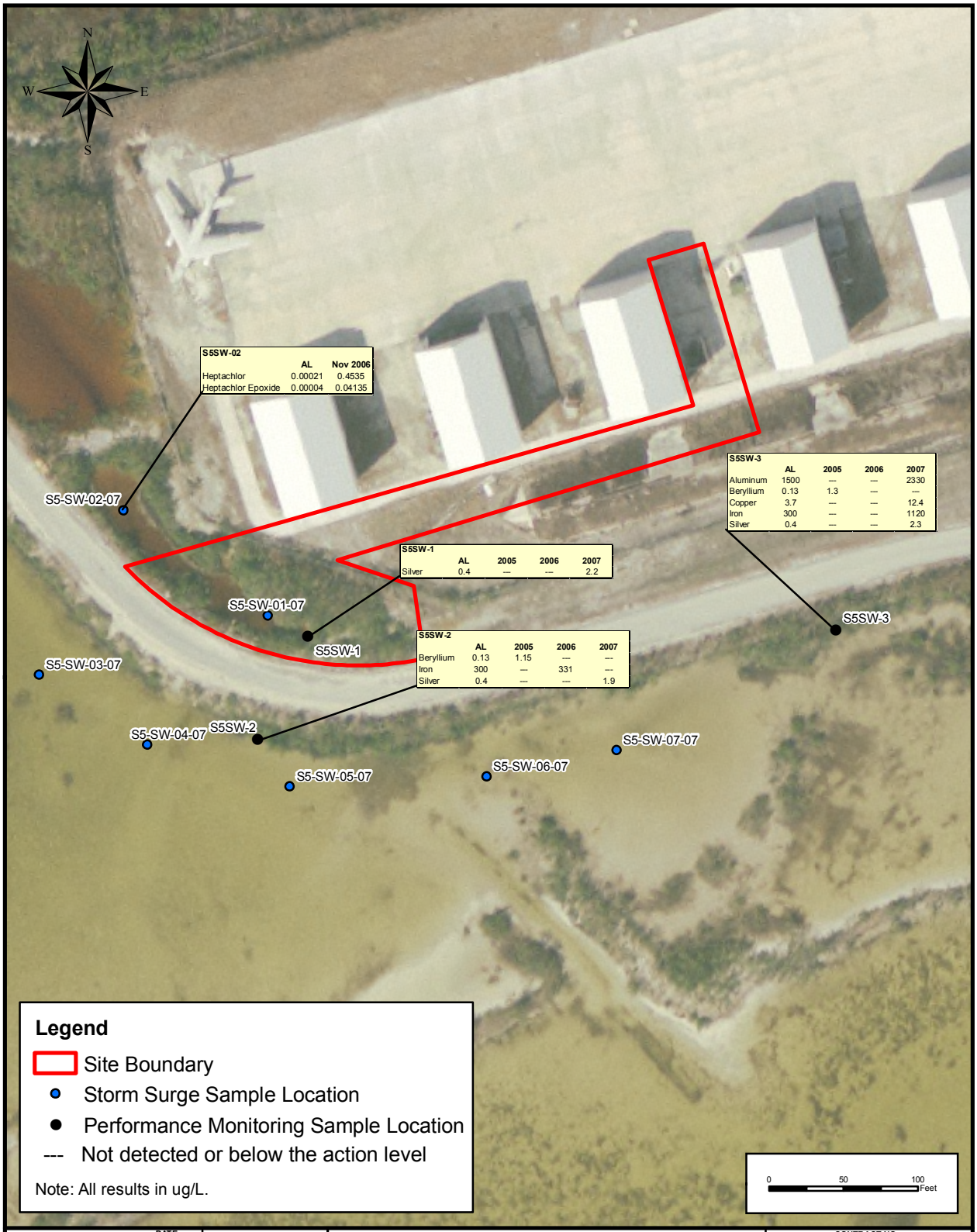
DRAWN BY EHM	DATE 10/25/2007	SWMU 2 SEDIMENT PERFORMANCE MONITORING EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/26/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-8 / REV. 0



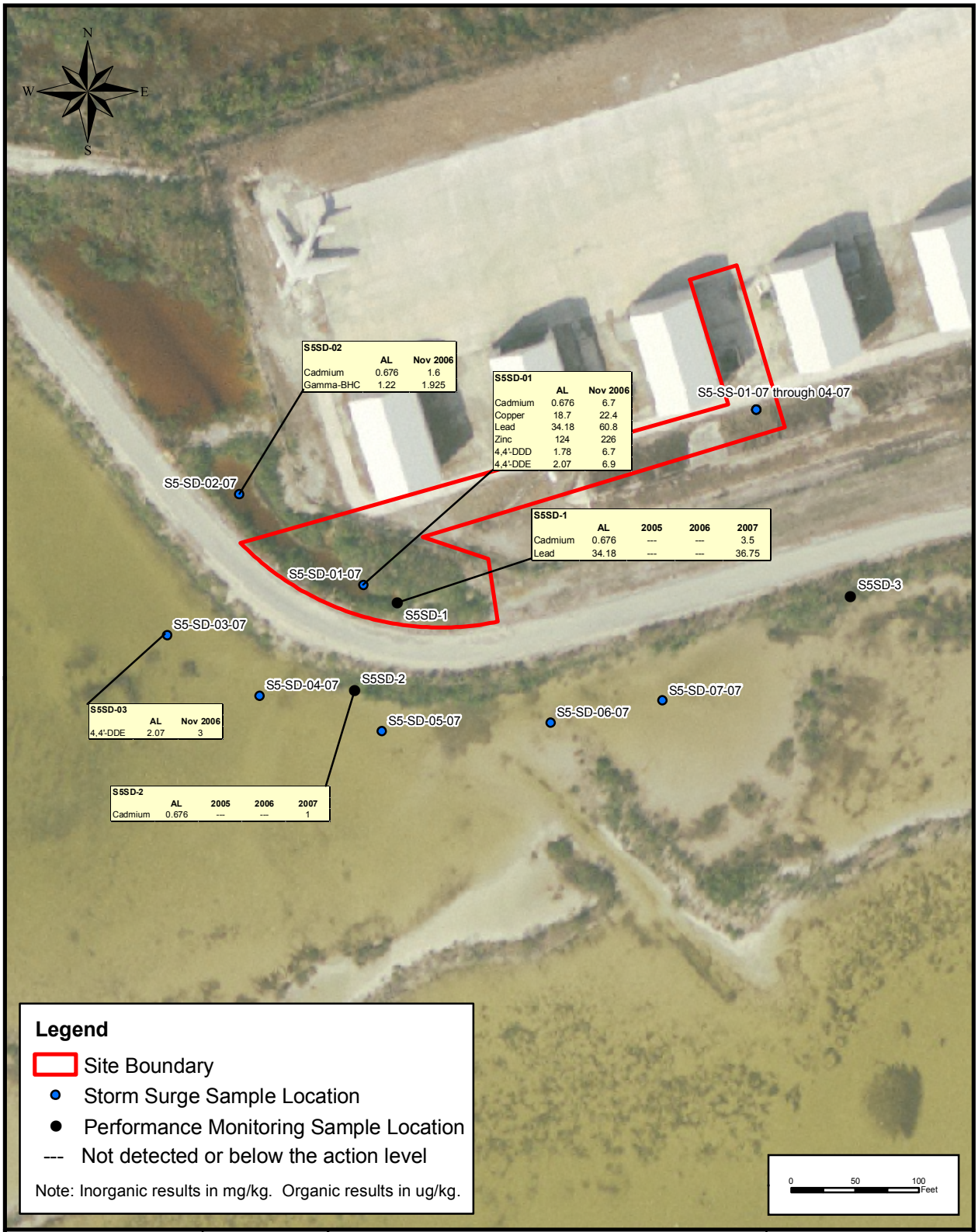
DRAWN BY: EHM	DATE: 10/26/2007	**SWMU 2 SEDIMENT STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA**	CONTRACT NO.: 00486
CHECKED BY: MLW	DATE: 10/28/2007		APPROVED BY: CMB — DATE: 10/31/2007
COST/SCHED-AREA			APPROVED BY: ___ — DATE: ___
SCALE: AS NOTED			DRAWING NO.: FIGURE 3-9 — REV.: 0



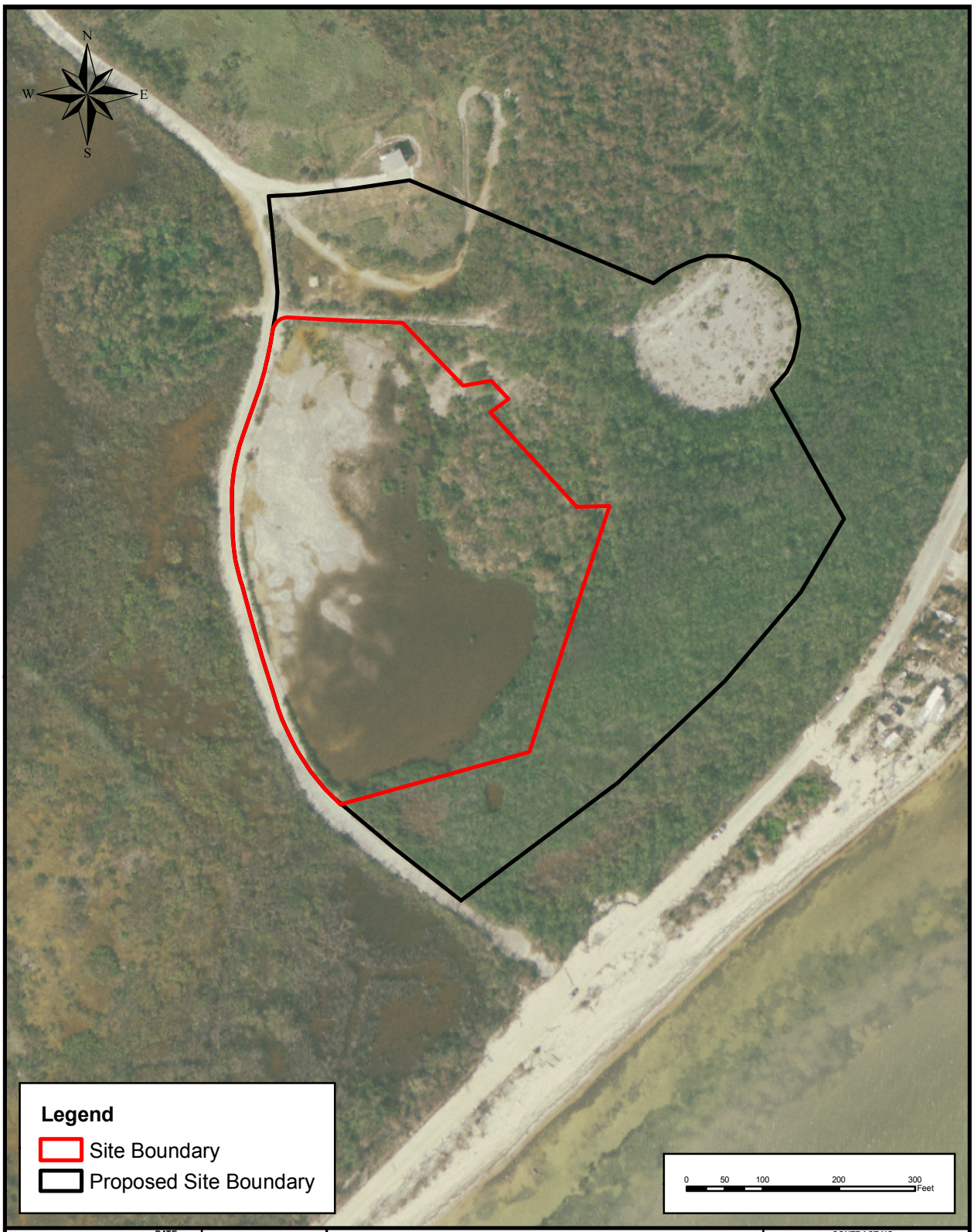
DRAWN BY EHM	DATE 10/26/2007	SWMU 5 SOIL STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/28/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-10 / REV. 0



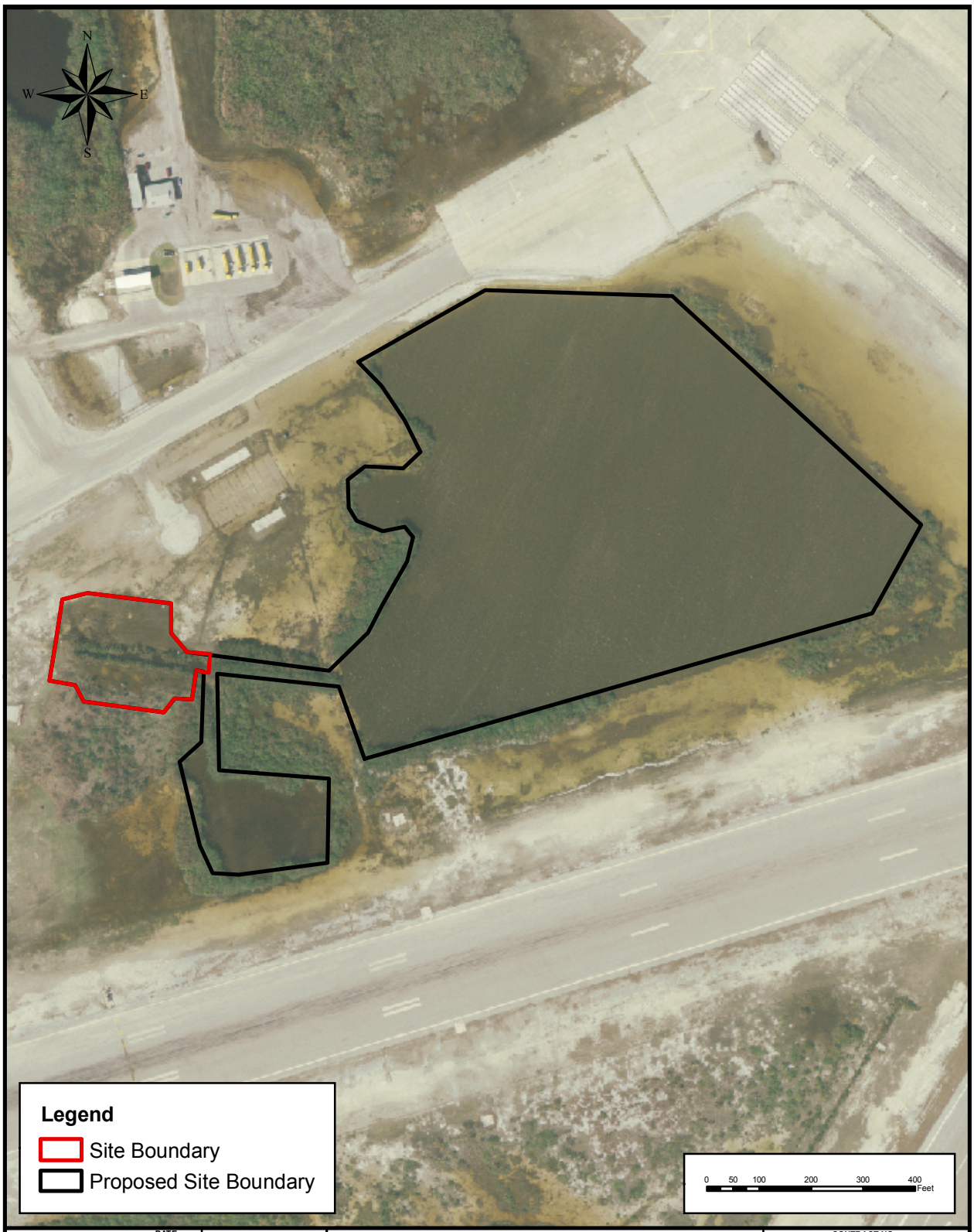
DRAWN BY EHM	DATE 10/26/2007	SWMU 5 SURFACE WATER PERFORMANCE MONITORING AND STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/28/2007		APPROVED BY CMB / DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-11 / REV. 0



DRAWN BY EHM	DATE 10/26/2007	SWMU 5 SEDIMENT PERFORMANCE MONITORING AND STORM SURGE SAMPLE EXCEEDANCES POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/28/2007		APPROVED BY CMB DATE 10/31/2007
COST/SCHED-AREA			APPROVED BY ___ DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-12 REV. 0



DRAWN BY EHM	DATE 10/17/2007	SWMU 1 PROPOSED SITE BOUNDARY POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/19/2007		APPROVED BY CMB / DATE 10/26/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-13 / REV. 0



DRAWN BY EHM	DATE 10/17/2007	SWMU 2 PROPOSED SITE BOUNDARY POST-STORM SURGE EVALUATION REPORT NAVAL AIR STATION KEY WEST, FLORIDA	CONTRACT NO. 00486
CHECKED BY MLW	DATE 10/19/2007		APPROVED BY CMB / DATE 10/26/2007
COST/SCHED-AREA			APPROVED BY ___ / DATE ___
SCALE AS NOTED			DRAWING NO. FIGURE 3-14 / REV. 0

4.0 SUMMARY

TtNUS has completed the sampling and evaluation of post-Hurricane Wilma storm surge data at SWMUs 1, 2, 4, and 5 at NAS Key West. Samples evaluated herein were collected in November 2006 from SWMUs 1, 2, 4, and 5, and in May 2007 (SWMU 1 only).

As directed in the associated work plan (TtNUS, 2006), this report evaluates the results of the sampling, and includes:

- a comparison of the data to the historic data at the SWMUs and to NAS Key West action levels
- an evaluation of storm surge impacts on the nature and extent of contamination
- recommendations regarding further investigative or remedial activities.

The evaluation of each site is summarized below.

4.1 SWMU 1

Surface water and sediment samples were collected at SWMU 1 in November 2006 and May 2007.

Surface water data collected at SWMU 1 in November 2006, May 2007, and in 2005-2007 performance monitoring events indicate that the storm surge did not impact site-related contamination of surface water.

Sediment concentrations of some metals, PAHs, and pesticides in samples collected from the mangrove swamp east and south of the SWMU 1 boundary exceeded action levels, and some concentrations were greater in November 2006 than in performance monitoring samples. Since sediment samples had not been collected from this area prior to November 2006, a comparison of current contaminant concentrations to pre-storm surge conditions is not possible, and it is difficult to determine whether the elevated concentrations were due to the storm surge. The remedial actions conducted at SWMU 1 in 1996 did not include the removal of surface debris in the mangrove swamp near the eastern edge of the site. This debris might be a continuing source of soil and sediment contamination for metals and possibly for other long-lived contaminants such as pesticides.

Sediment concentrations of 4,4'-DDT, 4,4'-DDE, and 4,4'-DDD were elevated north of SWMU 1 in samples S1-SD-01, S1-SD-02, S1-SD-14, and S1-SD-15. Sediment PAH concentrations were elevated in two of these samples (S1-SD-01 and S1-SD-02), and lead was elevated in S1-SD-14. Concentrations of contaminants in these samples pose no risk to benthic receptors, since the samples were collected from areas that are typically dry. Sediment PAH concentrations were highly elevated in S1-SD-08, at the southern end of the site.

Although it is not clear whether elevated concentrations of sediment contaminants in areas north, east, and south of SWMU 1 are due to the storm surge or to pre-existing landfill debris, the "site boundary" should be expanded to the north, east, and south where elevated concentrations were measured in November 2006 and May 2007. The sediment data indicate that the storm surge did not spread site-related contaminants to the area west of the gravel road that forms the western boundary of SWMU 1, or to the area near Boca Chica Road southeast of the site. Therefore, the western site boundary along the gravel road should remain unchanged.

Sediment concentrations of some analytes measured after the storm surge exceeded those observed in the human health and ecological risk assessments performed in 1997. This applies largely to PAHs at S1-SD-08, and to 4,4'-DDD, lead, and zinc in a few samples. The samples in question probably represent relatively small areas, with the possible exception of lead in the vicinity of sample S1-SD-14. The lead concentration in S1-SD-14 (9,160 mg/kg) exceeded all sediment and soil guidelines, including the FDEP industrial soil CTL of 1,400 mg/kg. The extent of lead contamination in the vicinity of this sample has not been determined.

Any additional evaluation should continue to clearly differentiate whether a collected sample is soil or sediment, so that the appropriate soil or sediment action level can be used to evaluate potential risk.

The results from this investigation indicate contamination beyond the current site boundaries. Based upon the available data, TtNUS recommends expanding the site boundaries to the proposed site boundaries depicted in Figure 3-13.

4.2 SWMU 2

Surface soil, surface water, and sediment samples were collected at SWMU 2 in November 2006.

The November 2006 data indicate that the storm surge did not redistribute site-related contaminants from contaminated soil or sediment into soils surrounding the site. Surface water data indicate that the storm surge did not impact site-related contamination of surface water.

Sediment samples had not been collected from the lagoon east of SWMU 2 or from the pond south of the site prior to November 2006, precluding a comparison to pre-storm surge data. However, 4,4'-DDD and 4,4'-DDT concentrations in sediment samples collected from the lagoon and pond are generally lower than concentrations in performance monitoring samples collected from the ditch within the site. 4,4'-DDE concentrations were considerably elevated in samples collected from the lagoon and pond, but were lower than in the ditch within the site. The sediment data indicate that the storm surge did not impact metal concentrations in the lagoon to the east of SWMU 2 or the pond to the south of the site.

Concentrations of contaminants in surface soil, surface water, and sediment in November 2006 and in recent performance monitoring events (2005-2007) are similar to those evaluated in the Supplemental RFI/RI, so no additional risk evaluations are warranted.

Although it is not certain whether elevated concentrations of 4,4'-DDE in the lagoon east of SWMU 2 are due to the storm surge or to pre-existing migration from SWMU 2, the results from this investigation indicate contamination beyond the current site boundaries. Based upon the available data, TtNUS recommends expanding the site boundaries to include the lagoon and pond as depicted in Figure 3-14.

4.3 SWMU 4

Surface soil, surface water, and sediment samples were collected in November 2006 at SWMU 4. There were no exceedances of action levels in any soil sample. Surface water and sediment samples collected in November 2006 were analyzed for antimony; antimony was not detected in any surface water or sediment sample collected at SWMU 4.

The November 2006 data indicate no storm surge-related impacts in surface soil, surface water, or sediment. These data indicate SWMU 4 can be delisted from the RCRA/HSWA permit.

4.4 SWMU 5

Surface soil, surface water, and sediment samples were collected in November 2006 at SWMU 5.

Surface soil samples at SWMU 5 were collected in a 3 ft by 3 ft area centered on the approximate location where arsenic was detected at 13 mg/kg in 1996. The performance monitoring program for SWMU 5 did not include soil sampling and analysis, so no soil data are available from the period between 1996 and November 2006. The maximum soil arsenic concentration in November 2006 (15.7 mg/kg) was similar to the previous maximum value of 13 mg/kg. Although there is uncertainty regarding the size of the area on the berm in which arsenic is elevated in soil, the uncertainty is mitigated by existing LUCs that serve to protect human health by restricting access and future site use. Potential risk to ecological receptors is negligible. Arsenic in soil does not appear to be migrating into the down-gradient pond and lagoon. With these factors in mind, further investigation of arsenic in SWMU 5 soil is not recommended.

The surface water data collected during performance monitoring and in November 2006 indicate no storm surge impacts.

Sediment data from the lagoon south of the pond indicate only minor potential risk (if any) in the small shallow pond west of the former sand blasting area, and minimal risk to receptors in the larger lagoon south of the pond. Data indicate that the storm surge did not impact site-related contamination, and

additional investigative or remedial activities are not recommended. TtNUS recommends the performance monitoring program be scaled back to include only the pond in future sampling events.

REFERENCES

B&RE (Brown and Root Environmental, Inc.), 1997, Supplemental RCRA Facility Investigation and Remedial Investigation Report for Naval Air Station Key West High-Priority Sites, Boca Chica Key, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, July.

B&RE, 1998. Supplemental RCRA Facility Investigation and Remedial Investigation Report for Eight Sites, Naval Air Station, Key West, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, January.

EPA (U.S. Environmental Protection Agency). 2001. Supplemental Guidance to RAGS: Region 4 Bulletins, Ecological Risk Assessment. Waste Management Division, Atlanta, Georgia. Originally published November 1995. Website version last updated November 30, 2001: http://www.epa.gov/region4/waste/ots/ecolbul.htm

FDEP (Florida Department of Environmental Protection), 2002. SOPs for Field Activities, DEP-SOP-001/01, Tallahassee, Florida, January.

IT (IT Corporation, Inc.), 1994. RCRA Facility Investigation/Remedial Investigation, Final Report, NAS Key West, Florida. Prepared for Southern Division, Naval Facilities Engineering Command, Tampa, Florida, June.

MacDonald, D.D. 1994. Approach to the Assessment of Sediment Quality in Florida Coastal Waters: Volume 1 - Development and Evaluation of Sediment Quality Assessment Guidelines. Prepared for Florida Department of Environmental Protection, Tallahassee, Florida.

REA (REA Remedial Solutions, L.C.), 2005. Annual Performance Monitoring Report, SWMUs 1, 2, 5, 7, IR 1, 7, 8 and Poinciana Housing, Naval Air Field Key West, Florida, prepared for Naval Air Facilities Southern Division, Valrico, Florida, April.

REA, 2006. Annual Performance Monitoring Report, SWMUs 1, 2, 5, 7, IR 1, 7, 8 and Poinciana Housing, Naval Air Field Key West, Florida, prepared for Naval Air Facilities Southern Division, Valrico, Florida, July.

REA, 2007. Annual Performance Monitoring Report, SWMUs 1, 2, 5, 7, IR 1, 7, 8 and Poinciana Housing, Naval Air Field Key West, Florida, prepared for Naval Air Facilities Southern Division, Valrico, Florida, June.

TtNUS (Tetra Tech NUS, Inc.), 1999. Supplemental Site Inspection Workplan for BRAC Parcels at Truman Annex, Naval Air Station, Key West, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, March.

TtNUS, 2000. Performance Monitoring Plan, Naval Air Station Key West, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, September.

TtNUS, 2001. Performance Monitoring Annual Report; Naval Air Station; Key West, Florida. Prepared for the Department of the Navy, Southern Division Naval Facilities Engineering Command, Aiken, South Carolina, April.

TtNUS, 2002. Performance Monitoring Plan Addendum for Year 3 Performance Monitoring, Naval Air Facility Key West, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, December.

TtNUS, 2004. Five Year Review Report for Naval Air Station, Key West, Florida, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, South Carolina, December.

TtNUS, 2006. Work Plan for Post Storm Surge Evaluation at SWMUs 1, 2 and 5, Naval Air Station Key West, Key West, Florida. Prepared for Naval Facilities Engineering Command, Aiken, South Carolina, September.

APPENDIX A

Data Validation Results

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JULY 19, 2007**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – PEST**
CTO 044, NAS KEY WEST
SDG F49565

SAMPLES: 6/Solid

S1-SD-14-00-0507	S1-SD-15-00-0507	S1-SD-16-00-0507
S1-SD-17-00-0507	S1-SD-18-00-0507	S1-SD-19-00-0507

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG F49565 consists of six (6) solid environmental samples. All samples were analyzed for pesticides (PEST).

The samples were collected by TetraTech NUS on May 15, 2007 and analyzed by Accutest Laboratories. All analyses were conducted in accordance with SW-846 Method 8081A analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
* • Laboratory method blank results
* • Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Pesticides

All samples required dilutions due to a matrix interference or concentrations greater than the linear calibration range of the instrument. Undiluted runs were not provided by the laboratory. This accounts for the elevated detection limits for the non-detected compounds.

Samples S1-SD-17-00-0507 and S1-SD-18-00-0507 were less than 30% solid. The nondetected results were qualified as estimated (UJ) in samples S1-SD-17-00-0507 and S1-SD-18-00-0507.

Continuing calibration analyzed on 5/30/07 @00:40 contained the following compounds with %Ds >15% on column #2 only: 4,4'-DDE, endrin, and 4,4'-DDD. The 4,4'-DDD result was reported from column #1. No action was required because this is a limited report.

Continuing calibration analyzed on 5/30/07 @05:43 contained the following compounds with %Ds >15% on column #1: 4,4'-DDT and column #2: 4,4'-DDE, endrin, 4,4'-DDD. No action was required because this is a limited report.

Continuing calibration analyzed on 5/30/07 @06:46 contained the following compounds with %Ds >15% on column #1: 4,4'-DDT and methoxychlor and column #2: 4,4'-DDD and 4,4'-DDT. No action was required because this is a limited report.

Continuing calibration analyzed on 5/30/07 @10:51 contained the following compounds with %Ds >15% on column #2 only: dieldrin. No action was required because this is a limited report.

Continuing calibration analyzed on 5/30/07 @14:20 contained the following compounds with %Ds >15% on column #1: 4,4'-DDD, 4,4'-DDT, and methoxychlor and column #2: 4,4'-DDD, 4,4'-DDT, and methoxychlor. No action was required because this is a limited report.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

Most compounds contained detection limits that exceeded sediment criteria specified in the laboratory statement of work. This item is noted for completeness.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Minor calibration noncompliances were noted for several compounds.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999) and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-14-00-0507	nsample	S1-SD-15-00-0507	nsample	S1-SD-16-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-1	lab_id	F49565-2	lab_id	F49565-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	78.1	Pct_Solids	68.7	Pct_Solids	41.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	17	U	
4,4'-DDE	444		
4,4'-DDT	51	U	
ALDRIN	17	U	
ALPHA-BHC	17	U	
BETA-BHC	17	U	
CHLORDANE	210	U	
DELTA-BHC	17	U	
DIELDRIN	17	U	
ENDOSULFAN I	17	U	
ENDOSULFAN II	17	U	
ENDOSULFAN SULFATE	17	U	
ENDRIN	17	U	
ENDRIN ALDEHYDE	34	U	
GAMMA-BHC (LINDANE)	17	U	
HEPTACHLOR	17	U	
HEPTACHLOR EPOXIDE	17	U	
METHOXYCHLOR	67	U	
TOXAPHENE	1100	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	19	U	
4,4'-DDE	123		
4,4'-DDT	58	U	
ALDRIN	19	U	
ALPHA-BHC	19	U	
BETA-BHC	19	U	
CHLORDANE	240	U	
DELTA-BHC	19	U	
DIELDRIN	19	U	
ENDOSULFAN I	19	U	
ENDOSULFAN II	19	U	
ENDOSULFAN SULFATE	19	U	
ENDRIN	19	U	
ENDRIN ALDEHYDE	39	U	
GAMMA-BHC (LINDANE)	19	U	
HEPTACHLOR	19	U	
HEPTACHLOR EPOXIDE	19	U	
METHOXYCHLOR	78	U	
TOXAPHENE	1200	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	16	U	
4,4'-DDE	16	U	
4,4'-DDT	48	U	
ALDRIN	16	U	
ALPHA-BHC	16	U	
BETA-BHC	16	U	
CHLORDANE	200	U	
DELTA-BHC	16	U	
DIELDRIN	16	U	
ENDOSULFAN I	16	U	
ENDOSULFAN II	16	U	
ENDOSULFAN SULFATE	16	U	
ENDRIN	16	U	
ENDRIN ALDEHYDE	32	U	
GAMMA-BHC (LINDANE)	16	U	
HEPTACHLOR	16	U	
HEPTACHLOR EPOXIDE	16	U	
METHOXYCHLOR	63	U	
TOXAPHENE	990	U	

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-17-00-0507	nsample	S1-SD-18-00-0507	nsample	S1-SD-19-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-4	lab_id	F49565-5	lab_id	F49565-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	29.4	Pct_Solids	25.6	Pct_Solids	44.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	23	UJ	Y
4,4'-DDE	23	UJ	Y
4,4'-DDT	68	UJ	Y
ALDRIN	23	UJ	Y
ALPHA-BHC	23	UJ	Y
BETA-BHC	23	UJ	Y
CHLORDANE	280	UJ	Y
DELTA-BHC	23	UJ	Y
DIELDRIN	23	UJ	Y
ENDOSULFAN I	23	UJ	Y
ENDOSULFAN II	23	UJ	Y
ENDOSULFAN SULFATE	23	UJ	Y
ENDRIN	23	UJ	Y
ENDRIN ALDEHYDE	45	UJ	Y
GAMMA-BHC (LINDANE)	23	UJ	Y
HEPTACHLOR	23	UJ	Y
HEPTACHLOR EPOXIDE	23	UJ	Y
METHOXYCHLOR	90	UJ	Y
TOXAPHENE	1400	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	26	UJ	Y
4,4'-DDE	26	UJ	Y
4,4'-DDT	77	UJ	Y
ALDRIN	26	UJ	Y
ALPHA-BHC	26	UJ	Y
BETA-BHC	26	UJ	Y
CHLORDANE	320	UJ	Y
DELTA-BHC	26	UJ	Y
DIELDRIN	26	UJ	Y
ENDOSULFAN I	26	UJ	Y
ENDOSULFAN II	26	UJ	Y
ENDOSULFAN SULFATE	26	UJ	Y
ENDRIN	26	UJ	Y
ENDRIN ALDEHYDE	51	UJ	Y
GAMMA-BHC (LINDANE)	26	UJ	Y
HEPTACHLOR	26	UJ	Y
HEPTACHLOR EPOXIDE	26	UJ	Y
METHOXYCHLOR	100	UJ	Y
TOXAPHENE	1600	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	30	U	
4,4'-DDE	42.9	J	P
4,4'-DDT	88	U	
ALDRIN	30	U	
ALPHA-BHC	30	U	
BETA-BHC	30	U	
CHLORDANE	370	U	
DELTA-BHC	30	U	
DIELDRIN	30	U	
ENDOSULFAN I	30	U	
ENDOSULFAN II	30	U	
ENDOSULFAN SULFATE	30	U	
ENDRIN	30	U	
ENDRIN ALDEHYDE	59	U	
GAMMA-BHC (LINDANE)	30	U	
HEPTACHLOR	30	U	
HEPTACHLOR EPOXIDE	30	U	
METHOXYCHLOR	120	U	
TOXAPHENE	1900	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-14-00-0507		
Lab Sample ID:	F49565-1	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	78.1
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06803.D	20	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [b]	KK19295.D	40	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.4 g	10.0 ml
Run #2	30.4 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	17 U	42	17	ug/kg	
319-84-6	alpha-BHC	17 U	42	17	ug/kg	
319-85-7	beta-BHC	17 U	42	17	ug/kg	
319-86-8	delta-BHC	17 U	42	17	ug/kg	
58-89-9	gamma-BHC (Lindane)	17 U	42	17	ug/kg	
12789-03-6	Chlordane	210 U	420	210	ug/kg	
60-57-1	Dieldrin	17 U	42	17	ug/kg	
72-54-8	4,4'-DDD	17 U	84	17	ug/kg	
72-55-9	4,4'-DDE	444	84	17	ug/kg	
50-29-3	4,4'-DDT	51 U [c]	170	51	ug/kg	
72-20-8	Endrin	17 U	84	17	ug/kg	
1031-07-8	Endosulfan sulfate	17 U	84	17	ug/kg	
7421-93-4	Endrin aldehyde	34 U	84	34	ug/kg	
959-98-8	Endosulfan-I	17 U	42	17	ug/kg	
33213-65-9	Endosulfan-II	17 U	84	17	ug/kg	
76-44-8	Heptachlor	17 U	42	17	ug/kg	
1024-57-3	Heptachlor epoxide	17 U	42	17	ug/kg	
72-43-5	Methoxychlor	67 U [c]	170	67	ug/kg	
8001-35-2	Toxaphene	1100 U	2100	1100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [d]	0% [d]	46-122%
2051-24-3	Decachlorobiphenyl	0% [d]	0% [d]	50-133%

(a) Dilution required due to matrix interference.
(b) All hits confirmed by dual column analysis.
(c) Result is from Run# 2
(d) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-15-00-0507		
Lab Sample ID:	F49565-2	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	68.7
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06804.D	20	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [b]	KK19296.D	40	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2	30.0 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	19 U	49	19	ug/kg	
319-84-6	alpha-BHC	19 U	49	19	ug/kg	
319-85-7	beta-BHC	19 U	49	19	ug/kg	
319-86-8	delta-BHC	19 U	49	19	ug/kg	
58-89-9	gamma-BHC (Lindane)	19 U	49	19	ug/kg	
12789-03-6	Chlordane	240 U	490	240	ug/kg	
60-57-1	Dieldrin	19 U	49	19	ug/kg	
72-54-8	4,4'-DDD	19 U	97	19	ug/kg	
72-55-9	4,4'-DDE	123	97	19	ug/kg	
50-29-3	4,4'-DDT	58 U [c]	190	58	ug/kg	
72-20-8	Endrin	19 U	97	19	ug/kg	
1031-07-8	Endosulfan sulfate	19 U	97	19	ug/kg	
7421-93-4	Endrin aldehyde	39 U	97	39	ug/kg	
959-98-8	Endosulfan-I	19 U	49	19	ug/kg	
33213-65-9	Endosulfan-II	19 U	97	19	ug/kg	
76-44-8	Heptachlor	19 U	49	19	ug/kg	
1024-57-3	Heptachlor epoxide	19 U	49	19	ug/kg	
72-43-5	Methoxychlor	78 U [c]	190	78	ug/kg	
8001-35-2	Toxaphene	1200 U	2400	1200	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [d]	0% [d]	46-122%
2051-24-3	Decachlorobiphenyl	0% [d]	0% [d]	50-133%

(a) All hits confirmed by dual column analysis. Dilution required due to matrix interference.
(b) Dilution required due to matrix interference.
(c) Result is from Run# 2
(d) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-16-00-0507		
Lab Sample ID:	F49565-3	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	41.8
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06805.D	10	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [a]	KK19287.D	20	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.2 g	10.0 ml
Run #2	30.2 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	16 U	40	16	ug/kg	
319-84-6	alpha-BHC	16 U	40	16	ug/kg	
319-85-7	beta-BHC	16 U	40	16	ug/kg	
319-86-8	delta-BHC	16 U	40	16	ug/kg	
58-89-9	gamma-BHC (Lindane)	16 U	40	16	ug/kg	
12789-03-6	Chlordane	200 U	400	200	ug/kg	
60-57-1	Dieldrin	16 U	40	16	ug/kg	
72-54-8	4,4'-DDD	16 U	79	16	ug/kg	
72-55-9	4,4'-DDE	16 U	79	16	ug/kg	
50-29-3	4,4'-DDT	48 U [b]	160	48	ug/kg	
72-20-8	Endrin	16 U	79	16	ug/kg	
1031-07-8	Endosulfan sulfate	16 U	79	16	ug/kg	
7421-93-4	Endrin aldehyde	32 U	79	32	ug/kg	
959-98-8	Endosulfan-I	16 U	40	16	ug/kg	
33213-65-9	Endosulfan-II	16 U	79	16	ug/kg	
76-44-8	Heptachlor	16 U	40	16	ug/kg	
1024-57-3	Heptachlor epoxide	16 U	40	16	ug/kg	
72-43-5	Methoxychlor	63 U [b]	160	63	ug/kg	
8001-35-2	Toxaphene	990 U	2000	990	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	97%	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-17-00-0507		
Lab Sample ID:	F49565-4	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	29.4
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06806.D	10	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [a]	KK19288.D	20	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2	30.1 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	23 U	57	23	ug/kg	
319-84-6	alpha-BHC	23 U	57	23	ug/kg	
319-85-7	beta-BHC	23 U	57	23	ug/kg	
319-86-8	delta-BHC	23 U	57	23	ug/kg	
58-89-9	gamma-BHC (Lindane)	23 U	57	23	ug/kg	
12789-03-6	Chlordane	280 U	570	280	ug/kg	
60-57-1	Dieldrin	23 U	57	23	ug/kg	
72-54-8	4,4'-DDD	23 U	110	23	ug/kg	
72-55-9	4,4'-DDE	23 U	110	23	ug/kg	
50-29-3	4,4'-DDT	68 U [b]	230	68	ug/kg	
72-20-8	Endrin	23 U	110	23	ug/kg	
1031-07-8	Endosulfan sulfate	23 U	110	23	ug/kg	
7421-93-4	Endrin aldehyde	45 U	110	45	ug/kg	
959-98-8	Endosulfan-I	23 U	57	23	ug/kg	
33213-65-9	Endosulfan-II	23 U	110	23	ug/kg	
76-44-8	Heptachlor	23 U	57	23	ug/kg	
1024-57-3	Heptachlor epoxide	23 U	57	23	ug/kg	
72-43-5	Methoxychlor	90 U [b]	230	90	ug/kg	
8001-35-2	Toxaphene	1400 U	2800	1400	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	106%	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-18-00-0507		
Lab Sample ID:	F49565-5	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	25.6
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06807.D	10	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [a]	KK19289.D	20	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.5 g	10.0 ml
Run #2	30.5 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	26 U	64	26	ug/kg	
319-84-6	alpha-BHC	26 U	64	26	ug/kg	
319-85-7	beta-BHC	26 U	64	26	ug/kg	
319-86-8	delta-BHC	26 U	64	26	ug/kg	
58-89-9	gamma-BHC (Lindane)	26 U	64	26	ug/kg	
12789-03-6	Chlordane	320 U	640	320	ug/kg	
60-57-1	Dieldrin	26 U	64	26	ug/kg	
72-54-8	4,4'-DDD	26 U	130	26	ug/kg	
72-55-9	4,4'-DDE	26 U	130	26	ug/kg	
50-29-3	4,4'-DDT	77 U [b]	260	77	ug/kg	
72-20-8	Endrin	26 U	130	26	ug/kg	
1031-07-8	Endosulfan sulfate	26 U	130	26	ug/kg	
7421-93-4	Endrin aldehyde	51 U	130	51	ug/kg	
959-98-8	Endosulfan-I	26 U	64	26	ug/kg	
33213-65-9	Endosulfan-II	26 U	130	26	ug/kg	
76-44-8	Heptachlor	26 U	64	26	ug/kg	
1024-57-3	Heptachlor epoxide	26 U	64	26	ug/kg	
72-43-5	Methoxychlor	100 U [b]	260	100	ug/kg	
8001-35-2	Toxaphene	1600 U	3200	1600	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	92%	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-19-00-0507		
Lab Sample ID:	F49565-6	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	44.2
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06808.D	20	05/30/07	FS	05/25/07	OP20749	GTT237
Run #2 [b]	KK19290.D	40	05/30/07	FS	05/25/07	OP20749	GKK716

	Initial Weight	Final Volume
Run #1	30.5 g	10.0 ml
Run #2	30.8 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	30 U	74	30	ug/kg	
319-84-6	alpha-BHC	30 U	74	30	ug/kg	
319-85-7	beta-BHC	30 U	74	30	ug/kg	
319-86-8	delta-BHC	30 U	74	30	ug/kg	
58-89-9	gamma-BHC (Lindane)	30 U	74	30	ug/kg	
12789-03-6	Chlordane	370 U	740	370	ug/kg	
60-57-1	Dieldrin	30 U	74	30	ug/kg	
72-54-8	4,4'-DDD	30 U	150	30	ug/kg	
72-55-9	4,4'-DDE	42.9	150	30	ug/kg	I
50-29-3	4,4'-DDT	88 U [c]	290	88	ug/kg	
72-20-8	Endrin	30 U	150	30	ug/kg	
1031-07-8	Endosulfan sulfate	30 U	150	30	ug/kg	
7421-93-4	Endrin aldehyde	59 U	150	59	ug/kg	
959-98-8	Endosulfan-I	30 U	74	30	ug/kg	
33213-65-9	Endosulfan-II	30 U	150	30	ug/kg	
76-44-8	Heptachlor	30 U	74	30	ug/kg	
1024-57-3	Heptachlor epoxide	30 U	74	30	ug/kg	
72-43-5	Methoxychlor	120 U [c]	290	120	ug/kg	
8001-35-2	Toxaphene	1900 U	3700	1900	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [d]	0% [d]	46-122%
2051-24-3	Decachlorobiphenyl	0% [d]	0% [d]	50-133%

(a) All hits confirmed by dual column analysis. Dilution required due to matrix interference.
(b) Dilution required due to matrix interference.
(c) Result is from Run# 2
(d) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

APPENDIX C

SUPPORT DOCUMENTATION

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TDS	MG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
PEST	%	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15

Sample Summary

Tetra Tech NUS

NAS Key West, Key West, FL
Project No: 112G00846

Job No: F49565

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F49565-1	05/15/07	11:40	GB	05/16/07	SO	Soil	S1-SD-14-00-0507
F49565-2	05/15/07	12:20	GB	05/16/07	SO	Soil	S1-SD-15-00-0507
F49565-3	05/15/07	15:05	GB	05/16/07	SO	Soil	S1-SD-16-00-0507
F49565-4	05/15/07	14:45	GB	05/16/07	SO	Soil	S1-SD-17-00-0507
F49565-5	05/15/07	14:20	GB	05/16/07	SO	Soil	S1-SD-18-00-0507
F49565-6	05/15/07	13:10	GB	05/16/07	SO	Soil	S1-SD-19-00-0507
F49565-7	05/15/07	15:05	GB	05/16/07	AQ	Surface Water	S1-SW-16-00-0507
F49565-8	05/15/07	14:45	GB	05/16/07	AQ	Surface Water	S1-SW-17-00-0507
F49565-9	05/15/07	14:20	GB	05/16/07	AQ	Surface Water	S1-SW-18-00-0507
F49565-10	05/15/07	13:40	GB	05/16/07	AQ	Surface Water	S1-SW-19-00-0507

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra Tech NUS **Job No:** F49565

Site: NAS Key West, Key West, FL **Report Date:** 6/7/2007 10:47:39 AM

10 Samples were collected on 05/15/2007 and were received at Accutest on 05/16/2007 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of F49565. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GC by Method SW846 8081A

Matrix: SO **Batch ID:** OP20749

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F49521-1MS, F49521-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recoverys for 4,4'-DDE, Aldrin, Endosulfan sulfate, Methoxychlor are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Duplicate Recoverys for 4,4'-DDD, Aldrin are outside control limits. Probable cause: due to matrix interference.

Samples F49565-1, F49565-2, F49565-6, F49565-1, F49565-3, F49565-4, F49565-5 have surrogates outside control limits. Probable cause: due to matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6: Dilution required due to matrix interference.

F49565-1: All hits confirmed by dual column analysis.

F49565-2, F49565-6: All hits confirmed by dual column analysis. Dilution required due to matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Decachlorobiphenyl, Tetrachloro-m-xylene: Outside control limits due to dilution.

Metals by Method SW846 6010B

Matrix: AQ **Batch ID:** MP12052

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8DUP, F49607-8MS, F49607-8MSD, F49607-8SDL were used as the QC samples for metals.

Sample F49565-7 has compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Matrix Spike Recoverys for Aluminum, Copper, Silver, Thallium, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Duplicate Recoverys for Aluminum, Copper, Silver, Thallium, Zinc are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Recoverys for Calcium, Magnesium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Aluminum, Antimony, Arsenic, Chromium, Nickel, Thallium, Tin, Zinc are outside control limits for sample MP12052-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Aluminum, Arsenic, Tin, Vanadium, Calcium, Magnesium, Potassium, Sodium are outside control limits for sample MP12052-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP12052-SD1 for Calcium, Magnesium, Potassium, Sodium: Serial dilution indicates possible matrix interference.

F49565-7 for Sodium: Above linear range.

Metals by Method SW846 6010B

Matrix: SO **Batch ID:** MP12055

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49565-1DUP, F49565-1MS, F49565-1MSD, F49565-1SDL were used as the QC samples for metals.

Matrix Spike Recoverys for Antimony, Arsenic, Nickel, Potassium, Selenium, Thallium, Tin are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Duplicate Recoverys for Antimony, Nickel, Potassium, Thallium are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Recoverys for Aluminum, Cadmium, Calcium, Copper, Iron, Lead, Magnesium, Manganese, Silver, Sodium, Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Antimony, Arsenic, Cadmium, Copper, Iron, Lead, Manganese, Nickel, Cobalt are outside control limits for sample MP12055-D1. High RPD due to possible sample nonhomogeneity.

MP12055-D1 for Cobalt: RPD acceptable due to low duplicate and sample concentrations.

RPDs for MSD for Lead, Manganese, Silver, Tin are outside control limits for sample MP12055-S2. High RPD due to possible sample nonhomogeneity.

RPDs for Serial Dilution for Beryllium, Calcium, Potassium, Sodium, Vanadium, Zinc are outside control limits for sample MP12055-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP12055-SD1 for Calcium, Potassium, Sodium, Vanadium, Zinc: Serial dilution indicates possible matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Potassium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

F49565-1 for Thallium: Elevated reporting limits due to matrix interference.

F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Thallium: Elevated RL/MDL due to negative bias of Method Blank.

F49565-2 for Sodium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

Metals by Method SW846 7470A

Matrix: AQ **Batch ID:** MP12018

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8MS, F49607-8SDL, F49607-8DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12018-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD for Serial Dilution for Mercury is outside control limits for sample MP12018-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals by Method SW846 7471A

Matrix: SO **Batch ID:** MP12015

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-5MS, F49607-5MSD, F49607-5SDL, F49607-5DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12015-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry by Method EPA 110.2

Matrix: AQ **Batch ID:** GN25493

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49565-7DUP was used as the QC sample for Color, Apparent.

Wet Chemistry by Method EPA 160.1

Matrix: AQ **Batch ID:** GN25531

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49607-8DUP was used as the QC sample for Solids, Total Dissolved.

Wet Chemistry by Method EPA 160.3 M

Matrix: SO **Batch ID:** GN25551

Sample F49549-5DUP was used as the QC sample for Solids, Percent.

Wet Chemistry by Method EPA 300/SW846 9056

Matrix: AQ **Batch ID:** GP9414

All samples were prepped within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49756-3DUP, F49756-3MS were used as the QC samples for Chloride.

Matrix Spike Recovery for Chloride is outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Ellen Pampel, Inorganic QA (signature on file)

Date: June 7, 2007

Thursday, June 07, 2007

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER F49565 | PAGE 1 OF 1

PROJECT NO: 112G00846	SITE NAME: NAS KEY WEST
SAMPLERS (SIGNATURE)	Gary Bragan
PROJECT MANAGER AND PHONE NUMBER	CHUCK BRYAN
FIELD OPERATIONS LEADER AND PHONE NUMBER	GARY BRAGAN2A
CARRIER/WAYBILL NUMBER	FED EX / 837560802253
LABORATORY NAME AND CONTACT:	JEAN SMITH - ACCUTEST
ADDRESS	4405 VINELAND ROAD
CITY, STATE	ORLANDO, FL 32811

STANDARD TAT ☑
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

	DATE YEAR 2007	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: SVOC's	PESTICIDES	TAL METALS + TIN	ARSENIC	IRON	CL, COLOR, PH, TDS	COMMENTS
1	5/15	11:40	S1-SD-14-00-0507	S	G	1			X	X	X	X			
2		12:20	S1-SD-15-00-0507	S		1			X	X	X	X			
3		15:05	S1-SD-16-00-0507	S		1			X	X	X	X			
4		14:45	S1-SD-17-00-0507	S		1			X	X	X	X			
5		14:20	S1-SD-18-00-0507	S		1			X	X	X	X			
6		13:10	S1-SD-19-00-0507	S		1			X	X	X	X			
7		15:05	S1-SW-16-00-0507	W		3					X		X	X	
8		14:45	S1-SW-17-00-0507	W		3					X		X	X	
9		14:20	S1-SW-18-00-0507	W		3					X		X	X	
10	↓	13:10	S1-SW-19-00-0507	W	↓	3					X		X	X	

1. RELINQUISHED BY: Gary Bragan	DATE 5/16/07	TIME	1. RECEIVED BY: FX	DATE	TIME
2. RELINQUISHED BY: FX	DATE	TIME	2. RECEIVED BY: Jorge Corzo	DATE 5-16-07	TIME 9:00
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3.4

3/99 FORM NO. TINUS-001

4.1 4

F49565: Chain of Custody
Page 1 of 4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F49565 CLIENT: tetra tech PROJECT: 112G00846

DATE/TIME RECEIVED: 5-16-07 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.4

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8375 6080 2253

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [v] TRIP BLANK NOT PROVIDED
- [v] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE JMC 5-16-07 TECHNICIAN SIGNATURE/DATE VC 5-16-07 ASBD 10/03/06

4.1 4

F49565: Chain of Custody
Page 2 of 4

APPENDIX IX PESTICIDES			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (ug/kg)	Industrial Soil Action Level (ug/kg)
4,4'-DDD	0.68	1.78	22000
4,4'-DDE	14	2.07	15000
4,4'-DDT	0.00059	1.76	15000
Aldrin	0.00014	300	300
alpha-BHC	0.34	1.05	600
beta-BHC	0.046	5	2400
delta-BHC	0.34	3	490000
Dieldrin	0.00014	0.02	300
Endosulfan I	0.0087	2.9	7600000
Endosulfan II	0.0087	14	7600000
Endosulfan sulfate	0.0087	7600000	7600000
Endrin	0.0023	3.3	510000
Endrin aldehyde	0.0023	510000	510000
gamma-BHC (lindane)	0.063	1.22	2500
Heptachlor	0.00021	4.9	1000
Heptachlor epoxide	0.0036	500	500
Methoxychlor	0.03	19	8800000
Toxaphene	0.0002	28	4500

-9999 = not available

Job Change Order: F49565_5/22/2007

Requested Date:	5/22/2007	**Received Date:**	5/16/2007
Account Name:	Tetra Tech NUS	**Due Date:**	5/30/2007
Project Description:	NAS Key West, Key West, FL	**Deliverable:**	FULT1
CSR:	JDS	**TAT (Days):**	14

Sample #:
F49565-1-6

Change: Samples logged for AB8270TCL42, please change to AB8270AP9 client needs APP 9 Semivolatile list. Samples are to be subcontracted ASAP. Thank you

Above Changes CSR, Product code correction **Date:** 5/22/2007

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

F49565: Chain of Custody
Page 3 of 4

Job Change Order: F49565_5/22/2007

Requested Date:	5/22/2007	**Received Date:**	5/16/2007
Account Name:	Tetra Tech NUS	**Due Date:**	5/30/2007
Project Description:	NAS Key West, Key West, FL	**Deliverable:**	FULT1
CSR:	JDS	**TAT (Days):**	14

Sample #: F49565-1-6

Change: Samples logged for P8081PESTTCL, please change to P8081AP9 client needs APP 9 Pesticide list. Thank you

Above Changes CSR, Product code correction **Date:** 5/22/2007

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

F49565: Chain of Custody
Page 4 of 4

Method Blank Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20749-MB	KK19252.D	1	05/29/07	FS	05/25/07	OP20749	GKK715

The QC reported here applies to the following samples: Method: SW846 8081A

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	91%	46-122%
2051-24-3	Decachlorobiphenyl	99%	50-133%

Method Blank Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20749-MB	TT06802.D	1	05/30/07	FS	05/25/07	OP20749	GTT237

The QC reported here applies to the following samples: Method: SW846 8081A

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	93%	46-122%
2051-24-3	Decachlorobiphenyl	98%	50-133%

Raw Data: KK19286.D

Method Blank Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20749-MB	KK19286.D	1	05/30/07	FS	05/25/07	OP20749	GKK716

The QC reported here applies to the following samples: Method: SW846 8081A

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	94%	46-122%
2051-24-3	Decachlorobiphenyl	106%	50-133%

GC Identification Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Check Std:	GTT237-CC236	Injection Date:	05/30/07
Lab File ID:	TT06799.D	Injection Time:	10:51
Instrument ID:	GCTT	Method:	SW846 8081A

Sample ID:	F49565-1	Injection Date:	05/30/07
Lab File ID:	TT06803.D	Injection Time:	12:14
Client ID:	S1-SD-14-00-0507		

Compound	Column	RT	StdRT	Conc	Q	Units	RPD Conc
4,4'-DDE	1 [a]	6.63	6.63	444		ug/kg	4.4
4,4'-DDE	2	6.08	6.08	464		ug/kg	

(a) Final result reported from this column.

GC Identification Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Check Std:	GTT237-CC236	Injection Date:	05/30/07
Lab File ID:	TT06799.D	Injection Time:	10:51
Instrument ID:	GCTT	Method:	SW846 8081A

Sample ID:	F49565-2	Injection Date:	05/30/07
Lab File ID:	TT06804.D	Injection Time:	12:30
Client ID:	S1-SD-15-00-0507		

Compound	Column	RT	StdRT	Conc	Q	Units	RPD Conc
4,4'-DDE	1 [a]	6.63	6.63	123		ug/kg	50.5
4,4'-DDE	2	6.08	6.08	73.4	I	ug/kg	

(a) Final result reported from this column.

GC Identification Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Check Std:	GTT237-CC236	Injection Date:	05/30/07
Lab File ID:	TT06799.D	Injection Time:	10:51
Instrument ID:	GCTT	Method:	SW846 8081A

Sample ID:	F49565-6	Injection Date:	05/30/07
Lab File ID:	TT06808.D	Injection Time:	13:33
Client ID:	S1-SD-19-00-0507		

Compound	Column	RT	StdRT	Conc	Q	Units	RPD Conc
4,4'-DDE	1 [a]	6.62	6.63	42.9	I	ug/kg	
4,4'-DDE	2	6.08	6.08	0.0	U	ug/kg	

(a) Final result reported from this column.

DDT/Endrin Breakdown Check

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GKK712-DDT	Injection Date:	05/22/07
Lab File ID:	KK19185.D	Injection Time:	13:42
Instrument ID:	GCKK		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	324654	76872
4,4'-DDE	70440	13903
4,4'-DDT	5214655	1696249
DDT Breakdown [a]	7 %	5.1 %
Endrin aldehyde	350399	94930
Endrin ketone	449653	160545
Endrin	5463404	1625164
Endrin Breakdown [b]	12.8 %	13.6 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GKK712-IC712	KK19186.D	05/22/07	13:58	00:16	Initial cal 5
GKK712-IC712	KK19187.D	05/22/07	14:14	00:32	Initial cal 10
GKK712-IC712	KK19188.D	05/22/07	14:30	00:47	Initial cal 20
GKK712-ICC712	KK19189.D	05/22/07	14:46	01:03	Initial cal 40
GKK712-IC712	KK19190.D	05/22/07	15:01	01:19	Initial cal 60
GKK712-IC712	KK19191.D	05/22/07	15:17	01:35	Initial cal 80
GKK712-IC712	KK19192.D	05/22/07	15:33	01:51	Initial cal 500
GKK712-IC712	KK19193.D	05/22/07	15:49	02:07	Initial cal 200
GKK712-ICV712	KK19194.D	05/22/07	16:05	02:22	Initial cal verification 40
OP20610-MB	KK19196.D	05/22/07	16:37	02:55	Method Blank
ZZZZZZ	KK19199.D	05/22/07	17:24	03:42	(unrelated sample)
OP20610-MS	KK19200.D	05/22/07	17:40	03:58	Matrix Spike
OP20610-MSD	KK19201.D	05/22/07	17:56	04:14	Matrix Spike Duplicate
GKK712-CC712	KK19202.D	05/22/07	18:12	04:30	Continuing cal 40
OP20542-BS	KK19203.D	05/22/07	18:28	04:45	Blank Spike
OP20542-MB	KK19204.D	05/22/07	18:44	05:01	Method Blank
ZZZZZZ	KK19205.D	05/22/07	18:59	05:17	(unrelated sample)
GKK712-ECC712	KK19213.D	05/22/07	21:06	07:23	Ending cal 40

Initial Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK712-ICC712
Lab FileID: KK19189.D

Response Factor Report ECD 5

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 16:25:23 2007
Response via : Initial Calibration

Calibration Files
5 =KK19186.D 10 =KK19187.D 20 =KK19188.D 40 =KK19189.D
60 =KK19190.D 80 =KK19191.D c200=KK19193.D t500=KK19192.D

Compound	5	10	20	40	60	80	c200	t500	Avg	%RSD
1) Tetrachloro-	1.573	1.678	1.760	1.737	1.750	1.706			1.701 E5	4.09
2) alpha-BHC	2.367	2.491	2.628	2.527	2.534	2.481			2.505 E5	3.40
3) gamma-BHC (L	2.006	2.109	2.236	2.137	2.159	2.167			2.136 E5	3.57
4) beta-BHC	8.156	8.543	9.164	8.770	8.804	9.060			8.750 E4	4.17
5) delta-BHC	1.705	1.735	1.906	1.899	1.938	1.927			1.852 E5	5.59
6) Heptachlor	1.640	1.780	1.840	1.684	1.658	1.631			1.705 E5	5.00
7) Aldrin	1.655	1.720	1.849	1.739	1.725	1.672			1.727 E5	3.95
8) Heptachlor E	1.574	1.614	1.704	1.530	1.486	1.446			1.559 E5	5.97
9) gamma-Chlord	1.451	1.549	1.717	1.532	1.552	1.528			1.555 E5	5.63
10) alpha-Chlord	1.444	1.551	1.675	1.499	1.547	1.486			1.534 E5	5.22
11) Endosulfan	1.338	1.431	1.510	1.361	1.326	1.311			1.379 E5	5.55
12) 4,4'-DDE	1.209	1.393	1.575	1.418	1.440	1.416			1.409 E5	8.35
13) Dieldrin	1.490	1.558	1.727	1.543	1.512	1.460			1.548 E5	6.09
14) Endrin	0.954	1.028	1.155	1.069	1.030	1.013			1.042 E5	6.45
15) 4,4'-DDD	1.015	1.129	1.278	1.111	1.141	1.153			1.138 E5	7.43
16) Endosulfan I	1.193	1.253	1.343	1.167	1.165	1.135			1.209 E5	6.33
17) Endrin Aldeh	1.043	1.092	1.122	0.979	0.991	0.943			1.028 E5	6.76
18) 4,4'-DDT	0.790	0.955	1.191	1.025	1.081	1.062			1.017 E5	13.32
19) Endosulfan S	1.017	1.070	1.156	0.987	1.010	0.976			1.036 E5	6.50
20) Methoxychlor	3.946	4.550	5.343	4.345	4.587	4.494			4.544 E4	10.04
21) Endrin Keton	1.125	1.227	1.394	1.122	1.140	1.124			1.188 E5	9.11
22) Chlordane-A							6.866		6.866 E3	0.00
23) Chlordane-B							9.855		9.855 E3	0.00
24) Chlordane-C							2.204		2.204 E4	0.00
25) Chlordane-D							2.115		2.115 E4	0.00
26) Chlordane-E							2.740		2.740 E3	0.00
27) Chlordane-F							4.633		4.633 E3	0.00
28) Toxaphene								1.312	1.312 E6	0.00
29) Decachlorobi	6.207	7.200	8.247	6.893	7.645	7.612			7.301 E4	9.65

Signal #2

1) Tetrachloro-	4.511	5.082	5.616	5.417	5.620	5.436			5.280 E4	8.04
2) alpha-BHC	6.896	7.717	8.361	8.033	7.892	7.712			7.768 E4	6.32
3) gamma-BHC (L	5.945	6.548	7.096	6.800	6.882	6.599			6.645 E4	5.96
4) beta-BHC	2.336	2.601	2.829	2.838	2.894	2.927			2.738 E4	8.31
5) delta-BHC	4.666	5.422	5.989	6.156	6.180	6.155			5.761 E4	10.57
6) Heptachlor	4.903	5.437	6.012	5.574	5.487	5.128			5.423 E4	7.06
7) Aldrin	4.763	5.325	5.941	5.401	5.466	5.294			5.365 E4	7.04
8) Heptachlor E	4.659	4.907	5.503	4.868	4.777	4.657			4.895 E4	6.44
9) gamma-Chlord	4.202	4.795	5.445	4.841	5.155	4.973			4.902 E4	8.50
10) alpha-Chlord	4.243	4.557	5.285	4.866	4.914	4.843			4.785 E4	7.37
11) Endosulfan	3.736	4.178	4.834	4.335	4.235	4.133			4.242 E4	8.38
12) 4,4'-DDE	3.378	4.251	5.113	4.595	4.541	4.702			4.430 E4	13.23
13) Dieldrin	4.150	4.609	5.402	4.938	4.795	4.515			4.735 E4	8.94
14) Endrin	2.423	2.765	3.314	3.166	3.037	2.984			2.948 E4	10.73
15) 4,4'-DDD	2.910	3.428	4.086	3.739	3.733	3.695			3.598 E4	11.03

Initial Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK712-ICC712
Lab FileID: KK19189.D

16)	Endosulfan I	3.271	3.555	4.064	3.531	3.634	3.546			3.600	E4	7.19
17)	Endrin Aldeh	2.972	3.280	3.411	2.991	3.048	2.995			3.116	E4	5.91
18)	4,4'-DDT	2.171	2.814	3.709	3.316	3.494	3.495			3.166	E4	18.12
19)	Endosulfan S	2.860	3.102	3.521	3.000	2.989	3.006			3.080	E4	7.45
20)	Methoxychlor	1.100	1.390	1.684	1.375	1.438	1.431			1.403	E4	13.27
21)	Endrin Keton	3.276	3.600	4.319	3.534	3.529	3.475			3.622	E4	9.91
22)	Chlordane-A							2.168		2.168	E3	0.00
23)	Chlordane-B							2.964		2.964	E3	0.00
24)	Chlordane-C							6.056		6.056	E3	0.00
25)	Chlordane-D							5.206		5.206	E3	0.00
26)	Chlordane-E							7.751		7.751	E2	0.00
27)	Chlordane-F							1.269		1.269	E3	0.00
28)	Toxaphene								3.568	3.568	E5	0.00
29)	Decachlorobi	2.018	2.439	2.771	2.294	2.566	2.487			2.429	E4	10.52

(#) = Out of Range ### Number of calibration levels exceeded format ###

8081A.M Wed May 23 16:02:01 2007

5.8 5

DDT/Endrin Breakdown Check

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GKK716-DDT	Injection Date:	05/30/07
Lab File ID:	KK19281.D	Injection Time:	14:24
Instrument ID:	GCKK		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	456989	114173
4,4'-DDE	41992	14102
4,4'-DDT	4654996	1685820
DDT Breakdown [a]	9.7 %	7.1 %
Endrin aldehyde	243874	55330
Endrin ketone	503565	74617
Endrin	5941318	1878246
Endrin Breakdown [b]	11.2 %	6.5 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GKK716-CC712	KK19283.D	05/30/07	15:04	00:40	Continuing cal 20
GKK716-CC712	KK19284.D	05/30/07	15:21	00:57	Continuing cal 500
GKK716-CC712	KK19285.D	05/30/07	15:36	01:13	Continuing cal 200
OP20749-MB	KK19286.D	05/30/07	15:52	01:29	Method Blank
F49565-3	KK19287.D	05/30/07	16:08	01:44	S1-SD-16-00-0507
F49565-4	KK19288.D	05/30/07	16:24	02:00	S1-SD-17-00-0507
F49565-5	KK19289.D	05/30/07	16:40	02:16	S1-SD-18-00-0507
F49565-6	KK19290.D	05/30/07	16:55	02:32	S1-SD-19-00-0507
ZZZZZZ	KK19291.D	05/30/07	17:11	02:48	(unrelated sample)
ZZZZZZ	KK19292.D	05/30/07	17:27	03:04	(unrelated sample)
GKK716-CC712	KK19293.D	05/30/07	17:43	03:19	Continuing cal 40
F49565-1	KK19295.D	05/30/07	18:15	03:51	S1-SD-14-00-0507
F49565-2	KK19296.D	05/30/07	18:30	04:07	S1-SD-15-00-0507
GKK716-CC712	KK19297.D	05/30/07	18:46	04:23	Continuing cal 40
GKK716-CC712	KK19306.D	05/30/07	21:08	06:45	Continuing cal 40
GKK716-ECC712	KK19316.D	05/30/07	23:46	09:22	Ending cal 40

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19283.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\1\DATA\0530PEST\KK19283.D\ECD1A.CH Vial: 4
Signal #2 : C:\MSDCHEM\1\DATA\0530PEST\KK19283.D\ECD2B.CH
Acq On : 5-30-07 03:04:26 PM Operator: fouads
Sample : cc712-20 Inst : ECD 5
Misc : op20749,gkk716,30.5,,,10,1,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 12:03:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	20.000	20.324	-1.6	97	0.00	3.95- 4.15
2		alpha-BHC	20.000	19.677	1.6	92	0.00	4.31- 4.51
3		gamma-BHC (Lindane)	20.000	20.096	-0.5	95	0.00	4.57- 4.77
4		beta-BHC	20.000	20.657	-3.3	99	0.00	4.74- 4.94
5		delta-BHC	20.000	20.498	-2.5	99	0.00	4.93- 5.13
6		Heptachlor	20.000	19.677	1.6	89	0.00	5.03- 5.23
7		Aldrin	20.000	21.127	-5.6	95	0.00	5.31- 5.51
8		Heptachlor Epoxide	20.000	21.666	-8.3	100	0.00	5.67- 5.87
9		gamma-Chlordane	20.000	20.837	-4.2	97	0.00	5.89- 6.09
10		alpha-Chlordane	20.000	21.489	-7.4	100	0.00	5.96- 6.16
11		Endosulfan I	20.000	22.084	-10.4	100	0.00	6.00- 6.20
12		4,4'-DDE	20.000	22.295	-11.5	104	0.00	6.13- 6.33
13		Dieldrin	20.000	21.671	-8.4	101	0.00	6.24- 6.44
14		Endrin	20.000	22.645	-13.2	105	0.00	6.44- 6.64
15		4,4'-DDD	20.000	22.533	-12.7	102	0.00	6.59- 6.79
16		Endosulfan II	20.000	21.700	-8.5	102	0.00	6.65- 6.85
17		Endrin Aldehyde	20.000	20.807	-4.0	97	0.00	6.77- 6.97
18		4,4'-DDT	20.000	17.352	13.2	80	0.00	6.87- 7.07
19		Endosulfan Sulfate	20.000	20.961	-4.8	97	0.00	6.98- 7.18
20		Methoxychlor	20.000	18.771	6.1	88	0.00	7.33- 7.53
21		Endrin Ketone	20.000	21.029	-5.1	97	0.00	7.42- 7.62
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	20.000	20.285	-1.4	98	0.00	8.67- 8.87
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	20.000	21.044	-5.2	99	0.00	3.79- 3.99
2		alpha-BHC	20.000	20.868	-4.3	96	0.00	4.21- 4.41
3		gamma-BHC (Lindane)	20.000	20.721	-3.6	97	0.00	4.49- 4.69
4		beta-BHC	20.000	21.238	-6.2	103	0.00	4.67- 4.87
5		delta-BHC	20.000	22.339	-11.7	111	0.00	4.89- 5.09
6		Heptachlor	20.000	21.459	-7.3	98	0.00	4.81- 5.01
7		Aldrin	20.000	21.407	-7.0	99	0.00	5.07- 5.27
8		Heptachlor Epoxide	20.000	21.719	-8.6	100	0.00	5.48- 5.68
9		gamma-Chlordane	20.000	21.514	-7.6	100	0.00	5.69- 5.89

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19283.D

10		alpha-Chlordane	20.000	21.521	-7.6	100	0.00	5.77- 5.97
11		Endosulfan I	20.000	22.057	-10.3	104	0.00	5.81- 6.01
12		4,4'-DDE	20.000	23.680	-18.4#	112	0.00	5.92- 6.12
13		Dieldrin	20.000	21.214	-6.1	97	0.00	6.04- 6.24
14		Endrin	20.000	24.613	-23.1#	115	0.00	6.29- 6.49
15		4,4'-DDD	20.000	24.348	-21.7#	113	0.00	6.40- 6.60
16		Endosulfan II	20.000	21.046	-5.2	96	0.00	6.52- 6.72
17		Endrin Aldehyde	20.000	20.331	-1.7	98	0.00	6.70- 6.90
18		4,4'-DDT	20.000	19.084	4.6	90	0.00	6.65- 6.85
19		Endosulfan Sulfate	20.000	20.637	-3.2	97	0.00	6.89- 7.09
20		Methoxychlor	20.000	20.116	-0.6	96	0.00	7.20- 7.40
21		Endrin Ketone	20.000	20.276	-1.4	93	0.00	7.39- 7.59
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	20.000	20.086	-0.4	97	0.00	8.49- 8.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
KK19175.D 8081A.M Thu May 31 10:37:33 2007

5.8 5

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19284.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19284.D\ECD1A.CH Vial: 5
Acq On : 5-30-07 03:21:00 PM Operator: fouads
Sample : cc712-500 tox Inst : ECD 5
Misc : op20749,gkk716,30.5,,,10,1,soil Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19284.D\ECD2B.CH Vial: 5
Acq On : 5-30-07 03:21:01 PM Operator: fouads
Sample : cc712-500 tox Inst : ECD 5
Misc : op20749,gkk716,30.5,,,10,1,soil Multiplr: 1.00
IntFile : EVENTS2.E

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 12:03:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	-1.000	54.059	0.0	91	0.00	3.95- 4.15
2		alpha-BHC		----------NA----------				
3		gamma-BHC (Lindane)		----------NA----------				
4		beta-BHC		----------NA----------				
5		delta-BHC		----------NA----------				
6		Heptachlor		----------NA----------				
7		Aldrin		----------NA----------				
8		Heptachlor Epoxide		----------NA----------				
9		gamma-Chlordane		----------NA----------				
10		alpha-Chlordane		----------NA----------				
11		Endosulfan I		----------NA----------				
12		4,4'-DDE		----------NA----------				
13		Dieldrin		----------NA----------				
14		Endrin		----------NA----------				
15		4,4'-DDD		----------NA----------				
16		Endosulfan II		----------NA----------				
17		Endrin Aldehyde		----------NA----------				
18		4,4'-DDT		----------NA----------				
19		Endosulfan Sulfate		----------NA----------				
20		Methoxychlor		----------NA----------				
21		Endrin Ketone		----------NA----------				
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene	500.000	500.684	-0.1	100	0.00	4.61- 8.56
29	S	Decachlorobiphenyl	-1.000	53.118	0.0	107	0.00	8.67- 8.87

***** Signal #2 *****

1	S	Tetrachloro-m-xylene	-1.000	53.575	0.0	89	0.00	3.79- 3.99
2		alpha-BHC		----------NA----------				
3		gamma-BHC (Lindane)		----------NA----------				
4		beta-BHC		----------NA----------				

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19284.D

5		delta-BHC			----------NA----------				
6		Heptachlor			----------NA----------				
7		Aldrin			----------NA----------				
8		Heptachlor Epoxide			----------NA----------				
9		gamma-Chlordane			----------NA----------				
10		alpha-Chlordane			----------NA----------				
11		Endosulfan I			----------NA----------				
12		4,4'-DDE			----------NA----------				
13		Dieldrin			----------NA----------				
14		Endrin			----------NA----------				
15		4,4'-DDD			----------NA----------				
16		Endosulfan II			----------NA----------				
17		Endrin Aldehyde			----------NA----------				
18		4,4'-DDT			----------NA----------				
19		Endosulfan Sulfate			----------NA----------				
20		Methoxychlor			----------NA----------				
21		Endrin Ketone			----------NA----------				
22	L1	Chlordane-A			----------NA----------				
23	L1	Chlordane-B			----------NA----------				
24	L1	Chlordane-C			----------NA----------				
25	L1	Chlordane-D			----------NA----------				
26	L1	Chlordane-E			----------NA----------				
27	L1	Chlordane-F			----------NA----------				
28	H	Toxaphene	500.000	513.822	-2.8	103	0.00	5.15-	8.12
29	S	Decachlorobiphenyl	-1.000	53.983	0.0	108	0.00	8.49-	8.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
KK19179.D 8081A.M Thu May 31 10:40:04 2007

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19285.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19285.D\ECD1A.CH Vial: 6
Acq On : 5-30-07 03:36:51 PM Operator: fouads
Sample : cc712-200 chl Inst : ECD 5
Misc : op20749,gkk716,30.5,,,10,1,soil Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19285.D\ECD2B.CH Vial: 6
Acq On : 5-30-07 03:36:50 PM Operator: fouads
Sample : cc712-200 chl Inst : ECD 5
Misc : op20749,gkk716,30.5,,,10,1,soil Multiplr: 1.00
IntFile : EVENTS2.E

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 12:03:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	-1.000	21.281	0.0	99	0.00	3.95- 4.15
2		alpha-BHC			----------NA----------			
3		gamma-BHC (Lindane)			----------NA----------			
4		beta-BHC			----------NA----------			
5		delta-BHC			----------NA----------			
6		Heptachlor			----------NA----------			
7		Aldrin			----------NA----------			
8		Heptachlor Epoxide			----------NA----------			
9		gamma-Chlordane			----------NA----------			
10		alpha-Chlordane			----------NA----------			
11		Endosulfan I			----------NA----------			
12		4,4'-DDE			----------NA----------			
13		Dieldrin			----------NA----------			
14		Endrin			----------NA----------			
15		4,4'-DDD			----------NA----------			
16		Endosulfan II			----------NA----------			
17		Endrin Aldehyde			----------NA----------			
18		4,4'-DDT			----------NA----------			
19		Endosulfan Sulfate			----------NA----------			
20		Methoxychlor			----------NA----------			
21		Endrin Ketone			----------NA----------			
22	L1	Chlordane-A	200.000	205.694	-2.8	103	-0.01	4.87- 5.07
23	L1	Chlordane-B	200.000	181.893	9.1	91	-0.01	5.04- 5.24
24	L1	Chlordane-C	200.000	194.401	2.8	97	-0.02	5.90- 6.10
25	L1	Chlordane-D	200.000	202.393	-1.2	101	-0.02	5.97- 6.17
26	L1	Chlordane-E	200.000	196.712	1.6	98	-0.02	6.56- 6.76
27	L1	Chlordane-F	200.000	195.018	2.5	98	-0.02	6.72- 6.92
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	-1.000	21.387	0.0	101	0.00	8.67- 8.87
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	-1.000	22.105	0.0	99	0.00	3.79- 3.99
2		alpha-BHC			----------NA----------			
3		gamma-BHC (Lindane)			----------NA----------			
4		beta-BHC			----------NA----------			

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19285.D

5		delta-BHC			----------NA----------			
6		Heptachlor			----------NA----------			
7		Aldrin			----------NA----------			
8		Heptachlor Epoxide			----------NA----------			
9		gamma-Chlordane			----------NA----------			
10		alpha-Chlordane			----------NA----------			
11		Endosulfan I			----------NA----------			
12		4,4'-DDE			----------NA----------			
13		Dieldrin			----------NA----------			
14		Endrin			----------NA----------			
15		4,4'-DDD			----------NA----------			
16		Endosulfan II			----------NA----------			
17		Endrin Aldehyde			----------NA----------			
18		4,4'-DDT			----------NA----------			
19		Endosulfan Sulfate			----------NA----------			
20		Methoxychlor			----------NA----------			
21		Endrin Ketone			----------NA----------			
22	L1	Chlordane-A	200.000	191.257	4.4	96	0.00	4.67- 4.87
23	L1	Chlordane-B	200.000	185.150	7.4	93	-0.01	4.82- 5.02
24	L1	Chlordane-C	200.000	208.118	-4.1	104	-0.01	5.70- 5.90
25	L1	Chlordane-D	200.000	195.571	2.2	98	-0.01	5.77- 5.97
26	L1	Chlordane-E	200.000	47.450	76.3#	24	0.01	6.37- 6.57
27	L1	Chlordane-F	200.000	202.593	-1.3	101	-0.01	6.57- 6.77
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	-1.000	22.417	0.0	110	0.00	8.49- 8.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
KK19180.D 8081A.M Thu May 31 10:40:48 2007

5.8 5

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19293.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\1\DATA\0530PEST\KK19293.D\ECD1A.CH Vial: 14
Signal #2 : C:\MSDCHEM\1\DATA\0530PEST\KK19293.D\ECD2B.CH
Acq On : 5-30-07 05:43:28 PM Operator: fouads
Sample : cc712-40 Inst : ECD 5
Misc : op20749,gkk716,30.3,,,10,40,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 12:03:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	40.099	-0.2	98	0.00	3.95- 4.15
2		alpha-BHC	40.000	39.040	2.4	96	0.00	4.31- 4.51
3		gamma-BHC (Lindane)	40.000	39.640	0.9	97	0.00	4.57- 4.77
4		beta-BHC	40.000	39.238	1.9	97	0.00	4.74- 4.94
5		delta-BHC	40.000	38.791	3.0	96	0.00	4.93- 5.13
6		Heptachlor	40.000	39.148	2.1	97	0.00	5.03- 5.23
7		Aldrin	40.000	41.791	-4.5	106	0.00	5.31- 5.51
8		Heptachlor Epoxide	40.000	40.279	-0.7	101	0.00	5.67- 5.87
9		gamma-Chlordane	40.000	41.385	-3.5	101	0.00	5.89- 6.09
10		alpha-Chlordane	40.000	41.011	-2.5	101	0.00	5.96- 6.16
11		Endosulfan I	40.000	40.047	-0.1	102	0.00	6.00- 6.20
12		4,4'-DDE	40.000	40.718	-1.8	102	0.00	6.13- 6.33
13		Dieldrin	40.000	41.966	-4.9	104	0.00	6.24- 6.44
14		Endrin	40.000	41.714	-4.3	107	0.00	6.44- 6.64
15		4,4'-DDD	40.000	45.869	-14.7	113	0.00	6.59- 6.79
16		Endosulfan II	40.000	41.498	-3.7	106	0.00	6.65- 6.85
17		Endrin Aldehyde	40.000	40.953	-2.4	103	0.00	6.77- 6.97
18		4,4'-DDT	40.000	31.275	21.8#	76	0.00	6.87- 7.07
19		Endosulfan Sulfate	40.000	41.307	-3.3	104	0.00	6.98- 7.18
20		Methoxychlor	40.000	34.190	14.5	87	0.00	7.33- 7.53
21		Endrin Ketone	40.000	41.548	-3.9	102	0.00	7.42- 7.62
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	41.643	-4.1	103	0.00	8.67- 8.87
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	42.111	-5.3	101	0.00	3.79- 3.99
2		alpha-BHC	40.000	41.096	-2.7	99	0.00	4.21- 4.41
3		gamma-BHC (Lindane)	40.000	41.180	-2.9	98	0.00	4.49- 4.69
4		beta-BHC	40.000	42.917	-7.3	102	0.00	4.67- 4.87
5		delta-BHC	40.000	44.693	-11.7	107	0.00	4.89- 5.09
6		Heptachlor	40.000	41.197	-3.0	100	0.00	4.81- 5.01
7		Aldrin	40.000	41.879	-4.7	100	0.00	5.07- 5.27
8		Heptachlor Epoxide	40.000	41.515	-3.8	100	0.00	5.48- 5.68
9		gamma-Chlordane	40.000	43.377	-8.4	103	0.00	5.69- 5.89

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19293.D

10		alpha-Chlordane	40.000	42.715	-6.8	103	0.00	5.77- 5.97
11		Endosulfan I	40.000	40.414	-1.0	99	0.00	5.81- 6.01
12		4,4'-DDE	40.000	46.361	-15.9#	111	0.00	5.92- 6.12
13		Dieldrin	40.000	41.050	-2.6	100	0.00	6.04- 6.24
14		Endrin	40.000	47.018	-17.5#	115	0.00	6.29- 6.49
15		4,4'-DDD	40.000	51.795	-29.5#	125	0.00	6.40- 6.60
16		Endosulfan II	40.000	42.932	-7.3	107	0.00	6.52- 6.72
17		Endrin Aldehyde	40.000	42.134	-5.3	103	0.00	6.70- 6.90
18		4,4'-DDT	40.000	34.792	13.0	83	0.00	6.65- 6.85
19		Endosulfan Sulfate	40.000	42.026	-5.1	105	0.00	6.89- 7.09
20		Methoxychlor	40.000	37.498	6.3	94	0.00	7.20- 7.40
21		Endrin Ketone	40.000	40.512	-1.3	101	0.00	7.39- 7.59
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	41.306	-3.3	102	0.00	8.49- 8.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
KK19176.D 8081A.M Thu May 31 10:38:25 2007

5.8 5

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19297.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19297.D\ECD1A.CH Vial: 18
Acq On : 5-30-07 06:46:38 PM Operator: fouads
Sample : cc712-40 Inst : ECD 5
Misc : op20749,gkk716,30.0,,,10,40,soil Multiplr: 1.00
IntFile : EVENTS.E

Data File : C:\MSDCHEM\1\DATA\0530PEST\KK19297.D\ECD2B.CH Vial: 18
Acq On : 5-30-07 06:46:39 PM Operator: fouads
Sample : cc712-40 Inst : ECD 5
Misc : op20749,gkk716,30.0,,,10,40,soil Multiplr: 1.00
IntFile : EVENTS2.E

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 12:03:33 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	40.791	-2.0	100	0.00	3.95- 4.15
2		alpha-BHC	40.000	39.715	0.7	97	0.00	4.31- 4.51
3		gamma-BHC (Lindane)	40.000	39.174	2.1	96	0.00	4.57- 4.77
4		beta-BHC	40.000	38.729	3.2	95	0.00	4.74- 4.94
5		delta-BHC	40.000	39.163	2.1	97	0.00	4.93- 5.13
6		Heptachlor	40.000	38.770	3.1	96	0.00	5.03- 5.23
7		Aldrin	40.000	41.366	-3.4	105	0.00	5.31- 5.51
8		Heptachlor Epoxide	40.000	40.912	-2.3	103	0.00	5.67- 5.87
9		gamma-Chlordane	40.000	40.481	-1.2	99	0.00	5.89- 6.09
10		alpha-Chlordane	40.000	40.961	-2.4	101	0.00	5.96- 6.16
11		Endosulfan I	40.000	41.076	-2.7	105	0.00	6.00- 6.20
12		4,4'-DDE	40.000	38.692	3.3	97	0.00	6.13- 6.33
13		Dieldrin	40.000	41.418	-3.5	103	0.00	6.24- 6.44
14		Endrin	40.000	40.613	-1.5	104	0.00	6.44- 6.64
15		4,4'-DDD	40.000	44.743	-11.9	110	0.00	6.59- 6.79
16		Endosulfan II	40.000	41.154	-2.9	105	0.00	6.65- 6.85
17		Endrin Aldehyde	40.000	40.546	-1.4	102	0.00	6.77- 6.97
18		4,4'-DDT	40.000	25.487	36.3#	62	0.00	6.87- 7.07
19		Endosulfan Sulfate	40.000	40.449	-1.1	102	0.00	6.98- 7.18
20		Methoxychlor	40.000	29.932	25.2#	76	0.00	7.33- 7.53
21		Endrin Ketone	40.000	40.224	-0.6	99	0.00	7.42- 7.62
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	41.425	-3.6	103	0.00	8.67- 8.87

***** Signal #2 *****

1	S	Tetrachloro-m-xylene	40.000	41.262	-3.2	99	0.00	3.79- 3.99
2		alpha-BHC	40.000	40.756	-1.9	98	0.00	4.21- 4.41
3		gamma-BHC (Lindane)	40.000	40.855	-2.1	97	0.00	4.49- 4.69
4		beta-BHC	40.000	43.233	-8.1	103	0.00	4.67- 4.87

5.8 5

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK716-CC712
Lab FileID: KK19297.D

5		delta-BHC	40.000	44.748	-11.9	107	0.00	4.89- 5.09
6		Heptachlor	40.000	41.945	-4.9	101	0.00	4.81- 5.01
7		Aldrin	40.000	43.047	-7.6	103	0.00	5.07- 5.27
8		Heptachlor Epoxide	40.000	41.439	-3.6	100	0.00	5.48- 5.68
9		gamma-Chlordane	40.000	44.002	-10.0	104	0.00	5.69- 5.89
10		alpha-Chlordane	40.000	41.828	-4.6	101	0.00	5.77- 5.97
11		Endosulfan I	40.000	42.753	-6.9	105	0.00	5.81- 6.01
12		4,4'-DDE	40.000	44.602	-11.5	107	0.00	5.92- 6.12
13		Dieldrin	40.000	42.301	-5.8	103	0.00	6.04- 6.24
14		Endrin	40.000	45.907	-14.8	112	0.00	6.29- 6.49
15		4,4'-DDD	40.000	51.646	-29.1#	125	0.00	6.40- 6.60
16		Endosulfan II	40.000	43.496	-8.7	108	0.00	6.52- 6.72
17		Endrin Aldehyde	40.000	43.128	-7.8	105	0.00	6.70- 6.90
18		4,4'-DDT	40.000	29.204	27.0#	69	0.00	6.65- 6.85
19		Endosulfan Sulfate	40.000	42.048	-5.1	105	0.00	6.89- 7.09
20		Methoxychlor	40.000	34.489	13.8	87	0.00	7.20- 7.40
21		Endrin Ketone	40.000	40.661	-1.7	101	0.00	7.39- 7.59
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	41.980	-4.9	104	0.00	8.49- 8.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
KK19176.D 8081A.M Thu May 31 10:38:26 2007

5.8 5

DDT/Endrin Breakdown Check

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GTT237-DDT	Injection Date:	05/30/07
Lab File ID:	TT06798.D	Injection Time:	10:27
Instrument ID:	GCTT		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	35532	15844
4,4'-DDE	13844	6546
4,4'-DDT	1103672	614964
DDT Breakdown [a]	4.3 %	3.5 %
Endrin aldehyde	90996	47013
Endrin ketone	82283	37514
Endrin	1161476	702116
Endrin Breakdown [b]	13 %	10.7 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GTT237-CC236	TT06799.D	05/30/07	10:51	00:24	Continuing cal 20
GTT237-CC236	TT06800.D	05/30/07	11:12	00:45	Continuing cal 500
GTT237-CC236	TT06801.D	05/30/07	11:28	01:01	Continuing cal 200
OP20749-MB	TT06802.D	05/30/07	11:58	01:31	Method Blank
F49565-1	TT06803.D	05/30/07	12:14	01:47	S1-SD-14-00-0507
F49565-2	TT06804.D	05/30/07	12:30	02:03	S1-SD-15-00-0507
F49565-3	TT06805.D	05/30/07	12:46	02:19	S1-SD-16-00-0507
F49565-4	TT06806.D	05/30/07	13:01	02:35	S1-SD-17-00-0507
F49565-5	TT06807.D	05/30/07	13:17	02:50	S1-SD-18-00-0507
F49565-6	TT06808.D	05/30/07	13:33	03:06	S1-SD-19-00-0507
GTT237-ECC236	TT06811.D	05/30/07	14:20	03:53	Ending cal 40

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-CC236
Lab FileID: TT06799.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0530PEST\TT06799.D\ECD1A.CH Vial: 3
Signal #2 : C:\MSDCHEM\2\DATA\0530PEST\TT06799.D\ECD2B.CH
Acq On : 30 May 2007 10:51 am Operator: fouads
Sample : cc236-20 Inst : ECD 6
Misc : op20686,gtt237,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	20.000	20.399	-2.0	100	0.00	4.23- 4.43
2		alpha-BHC	20.000	20.755	-3.8	102	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	20.000	20.685	-3.4	101	0.00	4.90- 5.10
4		beta-BHC	20.000	19.651	1.7	100	0.00	5.07- 5.27
5		delta-BHC	20.000	19.997	0.0	99	0.00	5.28- 5.48
6		Heptachlor	20.000	20.837	-4.2	105	0.00	5.39- 5.59
7		Aldrin	20.000	20.810	-4.0	101	0.00	5.69- 5.89
8		Heptachlor Epoxide	20.000	20.736	-3.7	100	0.00	6.07- 6.27
9		gamma-Chlordane	20.000	20.119	-0.6	98	0.00	6.30- 6.50
10		alpha-Chlordane	20.000	20.119	-0.6	98	0.00	6.37- 6.57
11		Endosulfan I	20.000	20.780	-3.9	103	0.00	6.42- 6.62
12		4,4'-DDE	20.000	19.861	0.7	98	0.00	6.53- 6.73
13		Dieldrin	20.000	20.758	-3.8	102	0.00	6.67- 6.87
		----------	Amount	Calc.	%Drift	----------		
14		Endrin	20.000	22.240	-11.2	104	0.00	6.88- 7.08
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD	20.000	21.123	-5.6	106	0.00	7.01- 7.21
16		Endosulfan II	20.000	20.180	-0.9	98	0.00	7.09- 7.29
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	20.000	21.737	-8.7	101	0.00	7.21- 7.41
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	20.000	20.619	-3.1	102	0.00	7.30- 7.50
19		Endosulfan Sulfate	20.000	19.747	1.3	98	0.00	7.44- 7.64
20		Methoxychlor	20.000	20.669	-3.3	105	0.00	7.76- 7.96
21		Endrin Ketone	20.000	20.207	-1.0	99	0.00	7.90- 8.10
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	20.000	20.037	-0.2	103	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	20.000	20.411	-2.1	102	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: . GTT237-CC236
Lab FileID: TT06799.D

			Amount	Calc.	%Drift			
2		alpha-BHC	20.000	20.690	-3.5	103	0.00	4.26- 4.46
3		gamma-BHC (Lindane)	20.000	19.313	3.4	99	0.00	4.54- 4.74
4		beta-BHC	20.000	19.047	4.8	96	0.00	4.78- 4.98
5		delta-BHC	20.000	19.103	4.5	100	0.00	4.99- 5.19
6		Heptachlor	20.000	19.704	1.5	102	0.00	4.87- 5.07
7		Aldrin	20.000	20.344	-1.7	102	0.00	5.12- 5.32
8		Heptachlor Epoxide	20.000	20.090	-0.4	99	0.00	5.54- 5.74
9		gamma-Chlordane	20.000	19.653	1.7	97	0.00	5.78- 5.98
10		alpha-Chlordane	20.000	20.822	-4.1	104	0.00	5.83- 6.03
11		Endosulfan I	20.000	20.234	-1.2	99	0.00	5.88- 6.08
12		4,4'-DDE	20.000	20.124	-0.6	101	0.00	5.98- 6.18
13		Dieldrin	20.000	16.209	19.0#	80	0.00	6.12- 6.32
14		Endrin	20.000	20.625	-3.1	107	0.00	6.36- 6.56
15		4,4'-DDD	20.000	22.010	-10.1	113	0.00	6.48- 6.68
16		Endosulfan II	20.000	20.022	-0.1	97	0.00	6.62- 6.82
			Amount	Calc.	%Drift			
17		Endrin Aldehyde	20.000	21.464	-7.3	102	0.00	6.77- 6.97
			Amount	Calc.	%Drift			
18		4,4'-DDT	20.000	20.542	-2.7	104	0.00	6.72- 6.92
19		Endosulfan Sulfate	20.000	20.055	-0.3	104	0.00	6.99- 7.19
20		Methoxychlor	20.000	21.955	-9.8	113	0.00	7.22- 7.42
21		Endrin Ketone	20.000	22.032	-10.2	108	0.00	7.46- 7.66
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	20.000	21.205	-6.0	110	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06773.D 8081A.M Thu May 31 15:04:42 2007

5.8

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-CC236
Lab FileID: TT06800.D

Evaluate Continuing Calibration Report

```
Signal #1 : C:\MSDCHEM\2\DATA\0530PEST\TT06800.D\ECD1A.CH Vial: 4
Signal #2 : C:\MSDCHEM\2\DATA\0530PEST\TT06800.D\ECD2B.CH
Acq On    : 30 May 2007  11:12 am                    Operator: fouads
Sample    : cc236-500 tox                            Inst    : ECD 6
Misc      : op20686,gtt237,1000,,,10,1,water         Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

Method       : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title        : Pesticides by 608 or 8081
Last Update  : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
Max. RRF Dev :  15%     Max. Rel. Area : 150%
```

		Compound	Amount	Calc.	%Drift	Area% Dev	(min)	RT Window
1	S	Tetrachloro-m-xylene	-1.000	52.325	0.0	100	0.00	4.23- 4.43
2		alpha-BHC			NA			
3		gamma-BHC (Lindane)			NA			
4		beta-BHC			NA			
5		delta-BHC			NA			
6		Heptachlor			NA			
7		Aldrin			NA			
8		Heptachlor Epoxide			NA			
9		gamma-Chlordane			NA			
10		alpha-Chlordane			NA			
11		Endosulfan I			NA			
12		4,4'-DDE			NA			
13		Dieldrin			NA			
		----------	Amount	Calc.	%Drift	----------		
14		Endrin			NA			
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD			NA			
16		Endosulfan II			NA			
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde			NA			
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT			NA			
19		Endosulfan Sulfate			NA			
20		Methoxychlor			NA			
21		Endrin Ketone			NA			
22	L1	Chlordane-A			NA			
23	L1	Chlordane-B			NA			
24	L1	Chlordane-C			NA			
25	L1	Chlordane-D			NA			
26	L1	Chlordane-E			NA			
27	L1	Chlordane-F			NA			
28	H	Toxaphene	500.000	506.382	-1.3	101	0.00	4.61- 9.05
29	S	Decachlorobiphenyl	-1.000	53.767	0.0	100	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	-1.000	55.720	0.0	101	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-CC236
Lab FileID: TT06800.D

			Amount	Calc.	%Drift			
2		alpha-BHC		----------NA----------				
3		gamma-BHC (Lindane)		----------NA----------				
4		beta-BHC		----------NA----------				
5		delta-BHC		----------NA----------				
6		Heptachlor		----------NA----------				
7		Aldrin		----------NA----------				
8		Heptachlor Epoxide		----------NA----------				
9		gamma-Chlordane		----------NA----------				
10		alpha-Chlordane		----------NA----------				
11		Endosulfan I		----------NA----------				
12		4,4'-DDE		----------NA----------				
13		Dieldrin		----------NA----------				
14		Endrin		----------NA----------				
15		4,4'-DDD		----------NA----------				
16		Endosulfan II		----------NA----------				
			Amount	Calc.	%Drift			
17		Endrin Aldehyde		----------NA----------				
			Amount	Calc.	%Drift			
18		4,4'-DDT		----------NA----------				
19		Endosulfan Sulfate		----------NA----------				
20		Methoxychlor		----------NA----------				
21		Endrin Ketone		----------NA----------				
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene	500.000	506.211	-1.2	101	0.00	4.23- 8.43
29	S	Decachlorobiphenyl	-1.000	55.854	0.0	101	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06777.D 8081A.M Thu May 31 15:05:13 2007

5.8
5

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-CC236
Lab FileID: TT06801.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0530PEST\TT06801.D\ECD1A.CH Vial: 5
Signal #2 : C:\MSDCHEM\2\DATA\0530PEST\TT06801.D\ECD2B.CH
Acq On : 30 May 2007 11:28 am Operator: fouads
Sample : cc236-200 chl Inst : ECD 6
Misc : op20686,gtt237,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	-1.000	21.600	0.0	102	0.00	4.23- 4.43
2		alpha-BHC			----------NA----------			
3		gamma-BHC (Lindane)			----------NA----------			
4		beta-BHC			----------NA----------			
5		delta-BHC			----------NA----------			
6		Heptachlor			----------NA----------			
7		Aldrin			----------NA----------			
8		Heptachlor Epoxide			----------NA----------			
9		gamma-Chlordane			----------NA----------			
10		alpha-Chlordane			----------NA----------			
11		Endosulfan I			----------NA----------			
12		4,4'-DDE			----------NA----------			
13		Dieldrin			----------NA----------			
		----------	Amount	Calc.	%Drift	----------		
14		Endrin			----------NA----------			
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD			----------NA----------			
16		Endosulfan II			----------NA----------			
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde			----------NA----------			
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT			----------NA----------			
19		Endosulfan Sulfate			----------NA----------			
20		Methoxychlor			----------NA----------			
21		Endrin Ketone			----------NA----------			
22	L1	Chlordane-A	200.000	200.841	-0.4	100	0.00	5.20- 5.40
23	L1	Chlordane-B	200.000	207.119	-3.6	104	0.00	5.39- 5.59
24	L1	Chlordane-C	200.000	193.017	3.5	97	0.00	5.66- 5.86
25	L1	Chlordane-D	200.000	202.461	-1.2	101	0.00	6.29- 6.49
26	L1	Chlordane-E	200.000	199.012	0.5	100	0.00	6.37- 6.57
27	L1	Chlordane-F	200.000	199.971	0.0	100	0.00	7.15- 7.35
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	-1.000	21.119	0.0	100	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	-1.000	22.377	0.0	102	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-CC236
Lab FileID: TT06801.D

2		alpha-BHC			----------NA----------				
3		gamma-BHC (Lindane)			----------NA----------				
4		beta-BHC			----------NA----------				
5		delta-BHC			----------NA----------				
6		Heptachlor			----------NA----------				
7		Aldrin			----------NA----------				
8		Heptachlor Epoxide			----------NA----------				
9		gamma-Chlordane			----------NA----------				
10		alpha-Chlordane			----------NA----------				
11		Endosulfan I			----------NA----------				
12		4,4'-DDE			----------NA----------				
13		Dieldrin			----------NA----------				
14		Endrin			----------NA----------				
15		4,4'-DDD			----------NA----------				
16		Endosulfan II			----------NA----------				
		----------	Amount	Calc.	%Drift	----------			
17		Endrin Aldehyde			----------NA----------				
		----------	Amount	Calc.	%Drift	----------			
18		4,4'-DDT			----------NA----------				
19		Endosulfan Sulfate			----------NA----------				
20		Methoxychlor			----------NA----------				
21		Endrin Ketone			----------NA----------				
22	L1	Chlordane-A	200.000	201.227	-0.6	101	0.00	4.72-	4.92
23	L1	Chlordane-B	200.000	199.853	0.1	100	0.00	4.87-	5.07
24	L1	Chlordane-C	200.000	194.232	2.9	97	0.00	5.20-	5.40
25	L1	Chlordane-D	200.000	201.724	-0.9	101	0.00	5.78-	5.98
26	L1	Chlordane-E	200.000	195.442	2.3	98	0.00	5.83-	6.03
27	L1	Chlordane-F	200.000	196.176	1.9	98	0.00	6.64-	6.84
28	H	Toxaphene			----------NA----------				
29	S	Decachlorobiphenyl	-1.000	22.351	0.0	103	0.00	8.54-	8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06778.D 8081A.M Thu May 31 15:07:24 2007

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-ECC236
Lab FileID: TT06811.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0530PEST\TT06811.D\ECD1A.CH Vial: 15
Signal #2 : C:\MSDCHEM\2\DATA\0530PEST\TT06811.D\ECD2B.CH
Acq On : 5-30-07 02:20:25 PM Operator: fouads
Sample : ecc236-40 Inst : ECD 6
Misc : op20749,gtt237,30.5,,,10,20,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	38.959	2.6	99	0.00	4.23- 4.43
2		alpha-BHC	40.000	39.581	1.0	98	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	40.000	38.025	4.9	96	0.00	4.90- 5.10
4		beta-BHC	40.000	36.776	8.1	94	0.00	5.07- 5.27
5		delta-BHC	40.000	38.318	4.2	96	0.00	5.28- 5.48
6		Heptachlor	40.000	36.656	8.4	92	0.00	5.39- 5.59
7		Aldrin	40.000	39.052	2.4	99	0.00	5.69- 5.89
8		Heptachlor Epoxide	40.000	39.460	1.3	101	0.00	6.07- 6.27
9		gamma-Chlordane	40.000	38.357	4.1	97	0.00	6.30- 6.50
10		alpha-Chlordane	40.000	38.772	3.1	98	0.00	6.37- 6.57
11		Endosulfan I	40.000	38.970	2.6	99	0.00	6.42- 6.62
12		4,4'-DDE	40.000	38.675	3.3	97	0.00	6.53- 6.73
13		Dieldrin	40.000	38.309	4.2	94	0.00	6.67- 6.87
		----------	Amount	Calc.	%Drift	----------		
14		Endrin	40.000	44.557	-11.4	102	0.00	6.88- 7.08
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD	40.000	49.819	24.5#	122	0.00	7.01- 7.21
16		Endosulfan II	40.000	37.685	5.8	96	0.00	7.09- 7.29
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	40.000	40.928	-2.3	99	0.00	7.21- 7.41
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	40.000	14.890	62.8#	36	0.00	7.30- 7.50
19		Endosulfan Sulfate	40.000	37.757	5.6	96	0.00	7.44- 7.64
20		Methoxychlor	40.000	17.917	55.2#	46	0.00	7.76- 7.96
21		Endrin Ketone	40.000	35.099	12.3	89	0.00	7.90- 8.10
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	40.897	-2.2	106	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	39.900	0.3	100	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT237-ECC236
Lab FileID: TT06811.D

			Amount	Calc.	%Drift			
2		alpha-BHC	40.000	41.193	-3.0	98	0.00	4.26- 4.46
3		gamma-BHC (Lindane)	40.000	39.820	0.4	97	0.00	4.54- 4.74
4		beta-BHC	40.000	37.754	5.6	96	0.00	4.78- 4.98
5		delta-BHC	40.000	38.998	2.5	92	0.00	4.99- 5.19
6		Heptachlor	40.000	38.482	3.8	92	0.00	4.87- 5.07
7		Aldrin	40.000	41.231	-3.1	101	0.00	5.12- 5.32
8		Heptachlor Epoxide	40.000	40.422	-1.1	99	0.00	5.54- 5.74
9		gamma-Chlordane	40.000	40.157	-0.4	98	0.00	5.78- 5.98
10		alpha-Chlordane	40.000	39.794	0.5	98	0.00	5.83- 6.03
11		Endosulfan I	40.000	39.805	0.5	96	0.00	5.88- 6.08
12		4,4'-DDE	40.000	40.132	-0.3	98	0.00	5.98- 6.18
13		Dieldrin	40.000	38.441	3.9	91	0.00	6.12- 6.32
14		Endrin	40.000	41.950	-4.9	103	0.00	6.36- 6.56
15		4,4'-DDD	40.000	56.147	-40.4#	138	0.00	6.48- 6.68
16		Endosulfan II	40.000	40.488	-1.2	99	0.00	6.62- 6.82
			Amount	Calc.	%Drift			
17		Endrin Aldehyde	40.000	43.241	-8.1	105	0.00	6.77- 6.97
			Amount	Calc.	%Drift			
18		4,4'-DDT	40.000	14.552	63.6#	35	0.00	6.72- 6.92
19		Endosulfan Sulfate	40.000	40.689	-1.7	102	0.00	6.99- 7.19
20		Methoxychlor	40.000	18.459	53.9#	47	0.00	7.22- 7.42
21		Endrin Ketone	40.000	37.304	6.7	95	0.00	7.46- 7.66
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	42.714	-6.8	110	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06774.D 8081A.M Thu May 31 15:08:04 2007

5.8 5

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **AUGUST 22, 2007**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – SVOC**
CTO 044, NAS KEY WEST
SDG F49565

SAMPLES: 6/Sediment

S1-SD-14-00-0507	S1-SD-15-00-0507	S1-SD-16-00-0507
S1-SD-17-00-0507	S1-SD-18-00-0507	S1-SD-19-00-0507

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG F49565 consists of six (6) sediment environmental samples. All samples were analyzed for Appendix IX semivolatile organic compounds (SVOC).

The samples were collected by TetraTech NUS on May 15, 2007 and analyzed by PACE Analytical – New Orleans Laboratory. All analyses were conducted in accordance with SW-846 Method 8270C analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

- Data completeness
* • Holding times
- Initial/continuing calibrations
* • Laboratory method blank results
- Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

SVOCs

The following samples had percent solids less than the 30%: S1-SD-16-00-0507, S1-SD-17-00-0507, and S1-SD-18-00-0507. The nondetected results for the aforementioned samples have been qualified as estimated (UJ). Detection limits are elevated in the aforementioned samples as a result of the low percent solids.

The sample IDs on the Form Is are reported from a chain of custody received from Accutest laboratories. The Form Is were amended with the corresponding original Tetra Tech sample IDs.

The initial calibration percent relative standard deviation (%RSD) on 11/07/06 on instrument 5973N for 4-nitroquinoline-1-oxide was > 30% the quality control limit. No validation actions were required because the %RSD was less than 90%.

The continuing calibration relative response factor on 6/04/07 @11:01 on instrument 5973N for hexachlorophene was < 0.05 quality control limit affecting all samples. The nondetected results reported for hexachlorophene were qualified as rejected, "UR".

Continuing calibration percent differences on 6/04/07 11:01 instrument 5973N for 3,3'-dimethylbenzidine was > 90% quality control limit affecting all samples. The nondetected results reported for 3,3'-dimethylbenzidine were qualified as estimated, "UJ".

Continuing calibration percent differences on 6/04/07 10:30 instrument 5973N for 4-chloroaniline, 3-nitroaniline, 2,4-dinitrophenol, and 4-nitrophenol were > 25% but < 90% quality control limit affecting all samples. No validation actions were warranted as all results in the affected samples were nondetects.

Continuing calibration percent differences on 6/04/07 11:01 instrument 5973N for N-nitrosodiethylamine, N-nitrosopiperidine, hexachloropropene, p-phenylenediamine, 1,2,4,5-tetrachlorobenzene, 1,4-naphthoquinone, 1-naphthylamine, 2-naphthylamine, 1,3,5-trinitrobenzene, 4-aminobiphenyl, pentachloronitrobenzene, methapyrilene, aramite, 2-acetylaminofluorene, 7,12-dimethylbenz(a)anthracene, and hexachlorophene were > 25% but < 90% quality control limit affecting all samples. No validation actions were warranted as all results in the affected samples were nondetects.

The laboratory did not analyze for the following compounds as stated in the laboratory statement of work: chlorobenzilate, diallate, dimethoate, diphenylamine (co-elutes with N-nitrosodiphenylamine) isodrin, sulfotepp and thionazin.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

Sample S1-SD-15-00-0507 was analyzed at a 5X dilution because of a difficult sample matrix. This accounts for the elevated detection limits for the nondetected results.

The laboratory did not meet the detection limits for several parameters as stated in the laboratory statement of work.

The reviewer discovered that the laboratory did not include Method Detection Limits (MDLs) for many of the Appendix IX compounds in the database. Additionally, the lab Form Is were reported to Practical Quantitation Limits (PQLs) not MDLs as required. Therefore, the data reviewer substituted MDLs for all nondetected analytes, when present in the database, for the PQLs to comply with Florida reporting protocol. For those compounds without MDLs, the results will remain reported to the PQLs.

EXECUTIVE SUMMARY

Laboratory Performance Issues: The continuing calibration relative response factor on 6/04/07 11:01 instrument 5973N for hexachlorophene was < 0.05 quality control limit affecting all samples. Continuing calibration percent differences on 6/04/07 11:01 instrument 5973N for 3,3'-dimethylbenzidine was > 90% quality control limit affecting all samples. Minor calibration noncompliances were noted for several compounds.

Other Factors Affecting Data Quality: Percent solids less than 30% resulted in qualification for three samples.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999) and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-14-00-0507
samp_date	5/15/2007
lab_id	F49565-1
qc_type	NM
units	UG/KG
Pct_Solids	76.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	85.8	U	
1,2,4-TRICHLOROBENZENE	110	U	
1,2-DICHLOROBENZENE	106	U	
1,3,5-TRINITROBENZENE	431	U	
1,3-DICHLOROBENZENE	108	U	
1,3-DINITROBENZENE	431	U	
1,4-DICHLOROBENZENE	106	U	
1,4-NAPHTHOQUINONE	2180	U	
1,4-PHENYLENEDIAMINE	431	U	
1-NAPHTHYLAMINE	431	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	95.7	U	
2,3,4,6-TETRACHLOROPHENOL	431	U	
2,4,5-TRICHLOROPHENOL	53.1	U	
2,4,6-TRICHLOROPHENOL	53.3	U	
2,4-DICHLOROPHENOL	68.0	U	
2,4-DIMETHYLPHENOL	60.4	U	
2,4-DINITROPHENOL	209	U	
2,4-DINITROTOLUENE	61.0	U	
2,6-DICHLOROPHENOL	431	U	
2,6-DINITROTOLUENE	66.7	U	
2-ACETYLAMINOFLUORENE	431	U	
2-CHLORONAPHTHALENE	81.6	U	
2-CHLOROPHENOL	90.1	U	
2-METHYLNAPHTHALENE	95.8	U	
2-METHYLPHENOL	76.4	U	
2-NAPHTHYLAMINE	431	U	
2-NITROANILINE	68.7	U	
2-NITROPHENOL	86.6	U	
2-PICOLINE	431	U	
3&4-METHYLPHENOL	69.2	U	
3,3'-DICHLOROBENZIDINE	336	U	
3,3'-DIMETHYLBENZIDINE	431	UJ	C

nsample	S1-SD-14-00-0507
samp_date	5/15/2007
lab_id	F49565-1
qc_type	NM
units	UG/KG
Pct_Solids	76.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	431	U	
3-NITROANILINE	328	U	
4,6-DINITRO-2-METHYLPHENOL	64.9	U	
4-AMINOBIPHENYL	431	U	
4-BROMOPHENYL PHENYL ETHER	62.3	U	
4-CHLORO-3-METHYLPHENOL	58.1	U	
4-CHLOROANILINE	342	U	
4-CHLOROPHENYL PHENYL ETHER	62.5	U	
4-NITROANILINE	146	U	
4-NITROPHENOL	63.7	U	
4-NITROQUINOLINE-1-OXIDE	431	U	
5-NITRO-O-TOLUIDINE	431	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	435	U	
A,A-DIMETHYLPHENETHYLAMINE	431	U	
ACENAPHTHENE	69.5	U	
ACENAPHTHYLENE	66.6	U	
ACETOPHENONE	129	U	
ANILINE	423	U	
ANTHRACENE	70.1	U	
ARAMITE	431	U	
BENZO(A)ANTHRACENE	69.2	U	
BENZO(A)PYRENE	71.3	U	
BENZO(B)FLUORANTHENE	72.3	U	
BENZO(G,H,I)PERYLENE	76.9	U	
BENZO(K)FLUORANTHENE	78.3	U	
BENZYL ALCOHOL	85.0	U	
BIS(2-CHLOROETHOXY)METHANE	90.9	U	
BIS(2-CHLOROETHYL)ETHER	101	U	
BIS(2-ETHYLHEXYL)PHTHALATE	112	U	
BUTYL BENZYL PHTHALATE	96.2	U	
CHRYSENE	118	U	
DIBENZO(A,H)ANTHRACENE	78.3	U	

nsample	S1-SD-14-00-0507
samp_date	5/15/2007
lab_id	F49565-1
qc_type	NM
units	UG/KG
Pct_Solids	76.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	63.2	U	
DIETHYL PHTHALATE	73.8	U	
DIMETHYL PHTHALATE	64.0	U	
DI-N-BUTYL PHTHALATE	75.8	U	
DI-N-OCTYL PHTHALATE	114	U	
DINOSEB	40.7	U	
ETHYL METHANE SULFONATE	431	U	
FLUORANTHENE	73.8	U	
FLUORENE	63.2	U	
HEXACHLOROBENZENE	68.3	U	
HEXACHLOROBUTADIENE	109	U	
HEXACHLOROCYCLOPENTADIENE	80.7	U	
HEXACHLOROETHANE	112	U	
HEXACHLOROPHENE	431	UR	C
HEXACHLOROPROPENE	431	U	
INDENO(1,2,3-CD)PYRENE	73.4	U	
ISOPHORONE	95.4	U	
ISOSAFROLE	431	U	
METHAPYRILENE	431	U	
METHYL METHANE SULFONATE	431	U	
NAPHTHALENE	99.3	U	
NITROBENZENE	108	U	
N-NITROSODIETHYLAMINE	431	U	
N-NITROSODIMETHYLAMINE	45.0	U	
N-NITROSO-DI-N-BUTYLAMINE	431	U	
N-NITROSO-DI-N-PROPYLAMINE	111	U	
N-NITROSODIPHENYLAMINE	57.8	U	
N-NITROSOMETHYLETHYLAMINE	431	U	
N-NITROSOMORPHOLINE	431	U	
N-NITROSOPIPERIDINE	431	U	
N-NITROSOPYRROLIDINE	431	U	
O-TOLUIDINE	431	U	

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-14-00-0507
samp_date	5/15/2007
lab_id	F49565-1
qc_type	NM
units	UG/KG
Pct_Solids	76.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	431	U	
PENTACHLOROBENZENE	431	U	
PENTACHLOROETHANE	431	U	
PENTACHLORONITROBENZENE	431	U	
PENTACHLOROPHENOL	326	U	
PHENACETIN	431	U	
PHENANTHRENE	67.6	U	
PHENOL	91.0	U	
PRONAMIDE	431	U	
PYRENE	85.4	U	
PYRIDINE	326	U	
SAFROLE	431	U	

nsample	S1-SD-15-00-0507
samp_date	5/15/2007
lab_id	F49565-2
qc_type	NM
units	UG/KG
Pct_Solids	68.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	478	U	
1,2,4-TRICHLOROBENZENE	613	U	
1,2-DICHLOROBENZENE	590	U	
1,3,5-TRINITROBENZENE	2398	U	
1,3-DICHLOROBENZENE	602	U	
1,3-DINITROBENZENE	2398	U	
1,4-DICHLOROBENZENE	589	U	
1,4-NAPHTHOQUINONE	12137	U	
1,4-PHENYLENEDIAMINE	2398	U	
1-NAPHTHYLAMINE	2398	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	533	U	
2,3,4,6-TETRACHLOROPHENOL	2398	U	
2,4,5-TRICHLOROPHENOL	295	U	
2,4,6-TRICHLOROPHENOL	297	U	
2,4-DICHLOROPHENOL	378	U	
2,4-DIMETHYLPHENOL	337	U	
2,4-DINITROPHENOL	1161	U	
2,4-DINITROTOLUENE	340	U	
2,6-DICHLOROPHENOL	2398	U	
2,6-DINITROTOLUENE	372	U	
2-ACETYLAMINOFLUORENE	2398	U	
2-CHLORONAPHTHALENE	453	U	
2-CHLOROPHENOL	501	U	
2-METHYLNAPHTHALENE	533	U	
2-METHYLPHENOL	426	U	
2-NAPHTHYLAMINE	2398	U	
2-NITROANILINE	382	U	
2-NITROPHENOL	481	U	
2-PICOLINE	2398	U	
3&4-METHYLPHENOL	385	U	
3,3'-DICHLOROBENZIDINE	1860	U	
3,3'-DIMETHYLBENZIDINE	2398	UJ	C

nsample	S1-SD-15-00-0507
samp_date	5/15/2007
lab_id	F49565-2
qc_type	NM
units	UG/KG
Pct_Solids	68.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	2398	U	
3-NITROANILINE	1817	U	
4,6-DINITRO-2-METHYLPHENOL	360	U	
4-AMINOBIPHENYL	2398	U	
4-BROMOPHENYL PHENYL ETHER	347	U	
4-CHLORO-3-METHYLPHENOL	324	U	
4-CHLOROANILINE	1904	U	
4-CHLOROPHENYL PHENYL ETHER	347	U	
4-NITROANILINE	814	U	
4-NITROPHENOL	355	U	
4-NITROQUINOLINE-1-OXIDE	2398	U	
5-NITRO-O-TOLUIDINE	2398	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	2413	U	
A,A-DIMETHYLPHENETHYLAMINE	2398	U	
ACENAPHTHENE	387	U	
ACENAPHTHYLENE	371	U	
ACETOPHENONE	717	U	
ANILINE	2355	U	
ANTHRACENE	390	U	
ARAMITE	2398	U	
BENZO(A)ANTHRACENE	385	U	
BENZO(A)PYRENE	397	U	
BENZO(B)FLUORANTHENE	403	U	
BENZO(G,H,I)PERYLENE	429	U	
BENZO(K)FLUORANTHENE	436	U	
BENZYL ALCOHOL	474	U	
BIS(2-CHLOROETHOXY)METHANE	506	U	
BIS(2-CHLOROETHYL)ETHER	565	U	
BIS(2-ETHYLHEXYL)PHTHALATE	625	U	
BUTYL BENZYL PHTHALATE	535	U	
CHRYSENE	656	U	
DIBENZO(A,H)ANTHRACENE	436	U	

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-15-00-0507	nsample	S1-SD-15-00-0507	nsample	S1-SD-16-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-2	lab_id	F49565-2	lab_id	F49565-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	68.8	Pct_Solids	68.8	Pct_Solids	12.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	352	U	
DIETHYL PHTHALATE	410	U	
DIMETHYL PHTHALATE	356	U	
DI-N-BUTYL PHTHALATE	423	U	
DI-N-OCTYL PHTHALATE	632	U	
DINOSEB	227	U	
ETHYL METHANE SULFONATE	2398	U	
FLUORANTHENE	410	U	
FLUORENE	352	U	
HEXACHLOROBENZENE	379	U	
HEXACHLOROBUTADIENE	609	U	
HEXACHLOROCYCLOPENTADIENE	449	U	
HEXACHLOROETHANE	625	U	
HEXACHLOROPHENE	2398	UR	C
HEXACHLOROPROPENE	2398	U	
INDENO(1,2,3-CD)PYRENE	408	U	
ISOPHORONE	532	U	
ISOSAFROLE	2398	U	
METHAPYRILENE	2398	U	
METHYL METHANE SULFONATE	2398	U	
NAPHTHALENE	552	U	
NITROBENZENE	600	U	
N-NITROSODIETHYLAMINE	2398	U	
N-NITROSODIMETHYLAMINE	251	U	
N-NITROSO-DI-N-BUTYLAMINE	2398	U	
N-NITROSO-DI-N-PROPYLAMINE	621	U	
N-NITROSODIPHENYLAMINE	321	U	
N-NITROSOMETHYLETHYLAMINE	2398	U	
N-NITROSOMORPHOLINE	2398	U	
N-NITROSOPIPERIDINE	2398	U	
N-NITROSOPYRROLIDINE	2398	U	
O-TOLUIDINE	2398	U	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	2398	U	
PENTACHLOROBENZENE	2398	U	
PENTACHLOROETHANE	2398	U	
PENTACHLORONITROBENZENE	2398	U	
PENTACHLOROPHENOL	1817	U	
PHENACETIN	2398	U	
PHENANTHRENE	376	U	
PHENOL	506	U	
PRONAMIDE	2398	U	
PYRENE	475	U	
PYRIDINE	1817	U	
SAFROLE	2398	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	513	UJ	Y
1,2,4-TRICHLOROBENZENE	659	UJ	Y
1,2-DICHLOROBENZENE	634	UJ	Y
1,3,5-TRINITROBENZENE	2578	UJ	Y
1,3-DICHLOROBENZENE	648	UJ	Y
1,3-DINITROBENZENE	2578	UJ	Y
1,4-DICHLOROBENZENE	632	UJ	Y
1,4-NAPHTHOQUINONE	13047	UJ	Y
1,4-PHENYLENEDIAMINE	2578	UJ	Y
1-NAPHTHYLAMINE	2578	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	573	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	2578	UJ	Y
2,4,5-TRICHLOROPHENOL	318	UJ	Y
2,4,6-TRICHLOROPHENOL	319	UJ	Y
2,4-DICHLOROPHENOL	407	UJ	Y
2,4-DIMETHYLPHENOL	362	UJ	Y
2,4-DINITROPHENOL	1250	UJ	Y
2,4-DINITROTOLUENE	365	UJ	Y
2,6-DICHLOROPHENOL	2578	UJ	Y
2,6-DINITROTOLUENE	399	UJ	Y
2-ACETYLAMINOFLUORENE	2578	UJ	Y
2-CHLORONAPHTHALENE	488	UJ	Y
2-CHLOROPHENOL	539	UJ	Y
2-METHYLNAPHTHALENE	573	UJ	Y
2-METHYLPHENOL	457	UJ	Y
2-NAPHTHYLAMINE	2578	UJ	Y
2-NITROANILINE	411	UJ	Y
2-NITROPHENOL	518	UJ	Y
2-PICOLINE	2578	UJ	Y
3&4-METHYLPHENOL	414	UJ	Y
3,3'-DICHLOROBENZIDINE	2008	UJ	Y
3,3'-DIMETHYLBENZIDINE	2578	UJ	CY

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-16-00-0507
samp_date	5/15/2007
lab_id	F49565-3
qc_type	NM
units	UG/KG
Pct_Solids	12.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	2578	UJ	Y
3-NITROANILINE	1961	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	388	UJ	Y
4-AMINOBIPHENYL	2578	UJ	Y
4-BROMOPHENYL PHENYL ETHER	373	UJ	Y
4-CHLORO-3-METHYLPHENOL	348	UJ	Y
4-CHLOROANILINE	2047	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	374	UJ	Y
4-NITROANILINE	875	UJ	Y
4-NITROPHENOL	381	UJ	Y
4-NITROQUINOLINE-1-OXIDE	2578	UJ	Y
5-NITRO-O-TOLUIDINE	2578	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	2602	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	2578	UJ	Y
ACENAPHTHENE	416	UJ	Y
ACENAPHTHYLENE	398	UJ	Y
ACETOPHENONE	770	UJ	Y
ANILINE	2531	UJ	Y
ANTHRACENE	420	UJ	Y
ARAMITE	2578	UJ	Y
BENZO(A)ANTHRACENE	414	UJ	Y
BENZO(A)PYRENE	427	UJ	Y
BENZO(B)FLUORANTHENE	433	UJ	Y
BENZO(G,H,I)PERYLENE	460	UJ	Y
BENZO(K)FLUORANTHENE	469	UJ	Y
BENZYL ALCOHOL	509	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	544	UJ	Y
BIS(2-CHLOROETHYL)ETHER	607	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	673	UJ	Y
BUTYL BENZYL PHTHALATE	576	UJ	Y
CHRYSENE	705	UJ	Y
DIBENZO(A,H)ANTHRACENE	469	UJ	Y

nsample	S1-SD-16-00-0507
samp_date	5/15/2007
lab_id	F49565-3
qc_type	NM
units	UG/KG
Pct_Solids	12.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	378	UJ	Y
DIETHYL PHTHALATE	441	UJ	Y
DIMETHYL PHTHALATE	383	UJ	Y
DI-N-BUTYL PHTHALATE	454	UJ	Y
DI-N-OCTYL PHTHALATE	680	UJ	Y
DINOSEB	244	UJ	Y
ETHYL METHANE SULFONATE	2578	UJ	Y
FLUORANTHENE	441	UJ	Y
FLUORENE	378	UJ	Y
HEXACHLOROBENZENE	409	UJ	Y
HEXACHLOROBUTADIENE	655	UJ	Y
HEXACHLOROCYCLOPENTADIENE	483	UJ	Y
HEXACHLOROETHANE	672	UJ	Y
HEXACHLOROPHENE	2578	UR	C
HEXACHLOROPROPENE	2578	UJ	Y
INDENO(1,2,3-CD)PYRENE	439	UJ	Y
ISOPHORONE	571	UJ	Y
ISOSAFROLE	2578	UJ	Y
METHAPYRILENE	2578	UJ	Y
METHYL METHANE SULFONATE	2578	UJ	Y
NAPHTHALENE	595	UJ	Y
NITROBENZENE	645	UJ	Y
N-NITROSODIETHYLAMINE	2578	UJ	Y
N-NITROSODIMETHYLAMINE	270	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	2578	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	667	UJ	Y
N-NITROSODIPHENYLAMINE	346	UJ	Y
N-NITROSOMETHYLETHYLAMINE	2578	UJ	Y
N-NITROSOMORPHOLINE	2578	UJ	Y
N-NITROSOPIPERIDINE	2578	UJ	Y
N-NITROSOPYRROLIDINE	2578	UJ	Y
O-TOLUIDINE	2578	UJ	Y

nsample	S1-SD-16-00-0507
samp_date	5/15/2007
lab_id	F49565-3
qc_type	NM
units	UG/KG
Pct_Solids	12.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	2578	UJ	Y
PENTACHLOROBENZENE	2578	UJ	Y
PENTACHLOROETHANE	2578	UJ	Y
PENTACHLORONITROBENZENE	2578	UJ	Y
PENTACHLOROPHENOL	1953	UJ	Y
PHENACETIN	2578	UJ	Y
PHENANTHRENE	405	UJ	Y
PHENOL	545	UJ	Y
PRONAMIDE	2578	UJ	Y
PYRENE	511	UJ	Y
PYRIDINE	1953	UJ	Y
SAFROLE	2578	UJ	Y

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-17-00-0507
samp_date	5/15/2007
lab_id	F49565-4
qc_type	NM
units	UG/KG
Pct_Solids	13.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	505	UJ	Y
1,2,4-TRICHLOROBENZENE	648	UJ	Y
1,2-DICHLOROBENZENE	625	UJ	Y
1,3,5-TRINITROBENZENE	2538	UJ	Y
1,3-DICHLOROBENZENE	638	UJ	Y
1,3-DINITROBENZENE	2538	UJ	Y
1,4-DICHLOROBENZENE	622	UJ	Y
1,4-NAPHTHOQUINONE	12846	UJ	Y
1,4-PHENYLENEDIAMINE	2538	UJ	Y
1-NAPHTHYLAMINE	2538	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	564	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	2538	UJ	Y
2,4,5-TRICHLOROPHENOL	313	UJ	Y
2,4,6-TRICHLOROPHENOL	314	UJ	Y
2,4-DICHLOROPHENOL	401	UJ	Y
2,4-DIMETHYLPHENOL	356	UJ	Y
2,4-DINITROPHENOL	1231	UJ	Y
2,4-DINITROTOLUENE	359	UJ	Y
2,6-DICHLOROPHENOL	2538	UJ	Y
2,6-DINITROTOLUENE	393	UJ	Y
2-ACETYLAMINOFLUORENE	2538	UJ	Y
2-CHLORONAPHTHALENE	481	UJ	Y
2-CHLOROPHENOL	531	UJ	Y
2-METHYLNAPHTHALENE	565	UJ	Y
2-METHYLPHENOL	450	UJ	Y
2-NAPHTHYLAMINE	2538	UJ	Y
2-NITROANILINE	405	UJ	Y
2-NITROPHENOL	510	UJ	Y
2-PICOLINE	2538	UJ	Y
3&4-METHYLPHENOL	408	UJ	Y
3,3'-DICHLOROBENZIDINE	1977	UJ	Y
3,3'-DIMETHYLBENZIDINE	2538	UJ	CY

nsample	S1-SD-17-00-0507
samp_date	5/15/2007
lab_id	F49565-4
qc_type	NM
units	UG/KG
Pct_Solids	13.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	2538	UJ	Y
3-NITROANILINE	1931	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	382	UJ	Y
4-AMINOBIPHENYL	2538	UJ	Y
4-BROMOPHENYL PHENYL ETHER	367	UJ	Y
4-CHLORO-3-METHYLPHENOL	342	UJ	Y
4-CHLOROANILINE	2015	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	368	UJ	Y
4-NITROANILINE	862	UJ	Y
4-NITROPHENOL	375	UJ	Y
4-NITROQUINOLINE-1-OXIDE	2538	UJ	Y
5-NITRO-O-TOLUIDINE	2538	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	2562	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	2538	UJ	Y
ACENAPHTHENE	409	UJ	Y
ACENAPHTHYLENE	392	UJ	Y
ACETOPHENONE	758	UJ	Y
ANILINE	2492	UJ	Y
ANTHRACENE	413	UJ	Y
ARAMITE	2538	UJ	Y
BENZO(A)ANTHRACENE	408	UJ	Y
BENZO(A)PYRENE	420	UJ	Y
BENZO(B)FLUORANTHENE	426	UJ	Y
BENZO(G,H,I)PERYLENE	453	UJ	Y
BENZO(K)FLUORANTHENE	462	UJ	Y
BENZYL ALCOHOL	501	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	535	UJ	Y
BIS(2-CHLOROETHYL)ETHER	598	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	662	UJ	Y
BUTYL BENZYL PHTHALATE	567	UJ	Y
CHRYSENE	694	UJ	Y
DIBENZO(A,H)ANTHRACENE	462	UJ	Y

nsample	S1-SD-17-00-0507
samp_date	5/15/2007
lab_id	F49565-4
qc_type	NM
units	UG/KG
Pct_Solids	13.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	372	UJ	Y
DIETHYL PHTHALATE	435	UJ	Y
DIMETHYL PHTHALATE	377	UJ	Y
DI-N-BUTYL PHTHALATE	447	UJ	Y
DI-N-OCTYL PHTHALATE	670	UJ	Y
DINOSEB	240	UJ	Y
ETHYL METHANE SULFONATE	2538	UJ	Y
FLUORANTHENE	435	UJ	Y
FLUORENE	372	UJ	Y
HEXACHLOROBENZENE	402	UJ	Y
HEXACHLOROBUTADIENE	645	UJ	Y
HEXACHLOROCYCLOPENTADIENE	475	UJ	Y
HEXACHLOROETHANE	662	UJ	Y
HEXACHLOROPHENE	2538	UR	C
HEXACHLOROPROPENE	2538	UJ	Y
INDENO(1,2,3-CD)PYRENE	432	UJ	Y
ISOPHORONE	562	UJ	Y
ISOSAFROLE	2538	UJ	Y
METHAPYRILENE	2538	UJ	Y
METHYL METHANE SULFONATE	2538	UJ	Y
NAPHTHALENE	585	UJ	Y
NITROBENZENE	635	UJ	Y
N-NITROSODIETHYLAMINE	2538	UJ	Y
N-NITROSODIMETHYLAMINE	265	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	2538	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	657	UJ	Y
N-NITROSODIPHENYLAMINE	341	UJ	Y
N-NITROSOMETHYLETHYLAMINE	2538	UJ	Y
N-NITROSOMORPHOLINE	2538	UJ	Y
N-NITROSOPIPERIDINE	2538	UJ	Y
N-NITROSOPYRROLIDINE	2538	UJ	Y
O-TOLUIDINE	2538	UJ	Y

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-17-00-0507
samp_date	5/15/2007
lab_id	F49565-4
qc_type	NM
units	UG/KG
Pct_Solids	13.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	2538	UJ	Y
PENTACHLOROBENZENE	2538	UJ	Y
PENTACHLOROETHANE	2538	UJ	Y
PENTACHLORONITROBENZENE	2538	UJ	Y
PENTACHLOROPHENOL	1923	UJ	Y
PHENACETIN	2538	UJ	Y
PHENANTHRENE	398	UJ	Y
PHENOL	536	UJ	Y
PRONAMIDE	2538	UJ	Y
PYRENE	503	UJ	Y
PYRIDINE	1923	UJ	Y
SAFROLE	2538	UJ	Y

nsample	S1-SD-18-00-0507
samp_date	5/15/2007
lab_id	F49565-5
qc_type	NM
units	UG/KG
Pct_Solids	13.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	480	UJ	Y
1,2,4-TRICHLOROBENZENE	615	UJ	Y
1,2-DICHLOROBENZENE	593	UJ	Y
1,3,5-TRINITROBENZENE	2409	UJ	Y
1,3-DICHLOROBENZENE	605	UJ	Y
1,3-DINITROBENZENE	2409	UJ	Y
1,4-DICHLOROBENZENE	591	UJ	Y
1,4-NAPHTHOQUINONE	12190	UJ	Y
1,4-PHENYLENEDIAMINE	2409	UJ	Y
1-NAPHTHYLAMINE	2409	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	535	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	2409	UJ	Y
2,4,5-TRICHLOROPHENOL	297	UJ	Y
2,4,6-TRICHLOROPHENOL	298	UJ	Y
2,4-DICHLOROPHENOL	380	UJ	Y
2,4-DIMETHYLPHENOL	338	UJ	Y
2,4-DINITROPHENOL	1168	UJ	Y
2,4-DINITROTOLUENE	341	UJ	Y
2,6-DICHLOROPHENOL	2409	UJ	Y
2,6-DINITROTOLUENE	373	UJ	Y
2-ACETYLAMINOFLUORENE	2409	UJ	Y
2-CHLORONAPHTHALENE	456	UJ	Y
2-CHLOROPHENOL	504	UJ	Y
2-METHYLNAPHTHALENE	536	UJ	Y
2-METHYLPHENOL	427	UJ	Y
2-NAPHTHYLAMINE	2409	UJ	Y
2-NITROANILINE	384	UJ	Y
2-NITROPHENOL	484	UJ	Y
2-PICOLINE	2409	UJ	Y
3&4-METHYLPHENOL	387	UJ	Y
3,3'-DICHLOROBENZIDINE	1876	UJ	Y
3,3'-DIMETHYLBENZIDINE	2409	UJ	CY

nsample	S1-SD-18-00-0507
samp_date	5/15/2007
lab_id	F49565-5
qc_type	NM
units	UG/KG
Pct_Solids	13.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	2409	UJ	Y
3-NITROANILINE	1832	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	363	UJ	Y
4-AMINOBIPHENYL	2409	UJ	Y
4-BROMOPHENYL PHENYL ETHER	348	UJ	Y
4-CHLORO-3-METHYLPHENOL	325	UJ	Y
4-CHLOROANILINE	1912	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	350	UJ	Y
4-NITROANILINE	818	UJ	Y
4-NITROPHENOL	356	UJ	Y
4-NITROQUINOLINE-1-OXIDE	2409	UJ	Y
5-NITRO-O-TOLUIDINE	2409	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	2431	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	2409	UJ	Y
ACENAPHTHENE	388	UJ	Y
ACENAPHTHYLENE	372	UJ	Y
ACETOPHENONE	720	UJ	Y
ANILINE	2365	UJ	Y
ANTHRACENE	392	UJ	Y
ARAMITE	2409	UJ	Y
BENZO(A)ANTHRACENE	387	UJ	Y
BENZO(A)PYRENE	399	UJ	Y
BENZO(B)FLUORANTHENE	404	UJ	Y
BENZO(G,H,I)PERYLENE	430	UJ	Y
BENZO(K)FLUORANTHENE	438	UJ	Y
BENZYL ALCOHOL	475	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	508	UJ	Y
BIS(2-CHLOROETHYL)ETHER	567	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	628	UJ	Y
BUTYL BENZYL PHTHALATE	538	UJ	Y
CHRYSENE	658	UJ	Y
DIBENZO(A,H)ANTHRACENE	438	UJ	Y

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-18-00-0507	nsample	S1-SD-18-00-0507	nsample	S1-SD-19-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-5	lab_id	F49565-5	lab_id	F49565-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	13.7	Pct_Solids	13.7	Pct_Solids	39.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	353	UJ	Y
DIETHYL PHTHALATE	412	UJ	Y
DIMETHYL PHTHALATE	358	UJ	Y
DI-N-BUTYL PHTHALATE	424	UJ	Y
DI-N-OCTYL PHTHALATE	636	UJ	Y
DINOSEB	228	UJ	Y
ETHYL METHANE SULFONATE	2409	UJ	Y
FLUORANTHENE	412	UJ	Y
FLUORENE	353	UJ	Y
HEXACHLOROBENZENE	382	UJ	Y
HEXACHLOROBUTADIENE	612	UJ	Y
HEXACHLOROCYCLOPENTADIENE	451	UJ	Y
HEXACHLOROETHANE	628	UJ	Y
HEXACHLOROPHENE	2409	UR	C
HEXACHLOROPROPENE	2409	UJ	Y
INDENO(1,2,3-CD)PYRENE	410	UJ	Y
ISOPHORONE	534	UJ	Y
ISOSAFROLE	2409	UJ	Y
METHAPYRILENE	2409	UJ	Y
METHYL METHANE SULFONATE	2409	UJ	Y
NAPHTHALENE	555	UJ	Y
NITROBENZENE	603	UJ	Y
N-NITROSODIETHYLAMINE	2409	UJ	Y
N-NITROSODIMETHYLAMINE	252	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	2409	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	623	UJ	Y
N-NITROSODIPHENYLAMINE	323	UJ	Y
N-NITROSOMETHYLETHYLAMINE	2409	UJ	Y
N-NITROSOMORPHOLINE	2409	UJ	Y
N-NITROSOPIPERIDINE	2409	UJ	Y
N-NITROSOPYRROLIDINE	2409	UJ	Y
O-TOLUIDINE	2409	UJ	Y

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	2409	UJ	Y
PENTACHLOROBENZENE	2409	UJ	Y
PENTACHLOROETHANE	2409	UJ	Y
PENTACHLORONITROBENZENE	2409	UJ	Y
PENTACHLOROPHENOL	1825	UJ	Y
PHENACETIN	2409	UJ	Y
PHENANTHRENE	378	UJ	Y
PHENOL	509	UJ	Y
PRONAMIDE	2409	UJ	Y
PYRENE	477	UJ	Y
PYRIDINE	1825	UJ	Y
SAFROLE	2409	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	168	U	
1,2,4-TRICHLOROBENZENE	216	U	
1,2-DICHLOROBENZENE	208	U	
1,3,5-TRINITROBENZENE	846	U	
1,3-DICHLOROBENZENE	213	U	
1,3-DINITROBENZENE	846	U	
1,4-DICHLOROBENZENE	207	U	
1,4-NAPHTHOQUINONE	4282	U	
1,4-PHENYLENEDIAMINE	846	U	
1-NAPHTHYLAMINE	846	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	188	U	
2,3,4,6-TETRACHLOROPHENOL	846	U	
2,4,5-TRICHLOROPHENOL	104	U	
2,4,6-TRICHLOROPHENOL	105	U	
2,4-DICHLOROPHENOL	134	U	
2,4-DIMETHYLPHENOL	119	U	
2,4-DINITROPHENOL	410	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	846	U	
2,6-DINITROTOLUENE	131	U	
2-ACETYLAMINOFLUORENE	846	U	
2-CHLORONAPHTHALENE	160	U	
2-CHLOROPHENOL	177	U	
2-METHYLNAPHTHALENE	188	U	
2-METHYLPHENOL	150	U	
2-NAPHTHYLAMINE	846	U	
2-NITROANILINE	135	U	
2-NITROPHENOL	170	U	
2-PICOLINE	846	U	
3&4-METHYLPHENOL	136	U	
3,3'-DICHLOROBENZIDINE	659	U	
3,3'-DIMETHYLBENZIDINE	846	UJ	C

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-19-00-0507	nsample	S1-SD-19-00-0507	nsample	S1-SD-19-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-6	lab_id	F49565-6	lab_id	F49565-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	39.0	Pct_Solids	39.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	846	U	
3-NITROANILINE	644	U	
4,6-DINITRO-2-METHYLPHENOL	127	U	
4-AMINOBIPHENYL	846	U	
4-BROMOPHENYL PHENYL ETHER	122	U	
4-CHLORO-3-METHYLPHENOL	114	U	
4-CHLOROANILINE	672	U	
4-CHLOROPHENYL PHENYL ETHER	123	U	
4-NITROANILINE	287	U	
4-NITROPHENOL	125	U	
4-NITROQUINOLINE-1-OXIDE	846	U	
5-NITRO-O-TOLUIDINE	846	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	854	U	
A,A-DIMETHYLPHENETHYLAMINE	846	U	
ACENAPHTHENE	136	U	
ACENAPHTHYLENE	131	U	
ACETOPHENONE	253	U	
ANILINE	831	U	
ANTHRACENE	138	U	
ARAMITE	846	U	
BENZO(A)ANTHRACENE	136	U	
BENZO(A)PYRENE	140	U	
BENZO(B)FLUORANTHENE	142	U	
BENZO(G,H,I)PERYLENE	151	U	
BENZO(K)FLUORANTHENE	154	U	
BENZYL ALCOHOL	167	U	
BIS(2-CHLOROETHOXY)METHANE	178	U	
BIS(2-CHLOROETHYL)ETHER	199	U	
BIS(2-ETHYLHEXYL)PHTHALATE	221	U	
BUTYL BENZYL PHTHALATE	189	U	
CHRYSENE	231	U	
DIBENZO(A,H)ANTHRACENE	154	U	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	124	U	
DIETHYL PHTHALATE	145	U	
DIMETHYL PHTHALATE	126	U	
DI-N-BUTYL PHTHALATE	149	U	
DI-N-OCTYL PHTHALATE	223	U	
DINOSEB	80.0	U	
ETHYL METHANE SULFONATE	846	U	
FLUORANTHENE	145	U	
FLUORENE	124	U	
HEXACHLOROBENZENE	134	U	
HEXACHLOROBUTADIENE	215	U	
HEXACHLOROCYCLOPENTADIENE	158	U	
HEXACHLOROETHANE	221	U	
HEXACHLOROPHENE	846	UR	C
HEXACHLOROPROPENE	846	U	
INDENO(1,2,3-CD)PYRENE	144	U	
ISOPHORONE	187	U	
ISOSAFROLE	846	U	
METHAPYRILENE	846	U	
METHYL METHANE SULFONATE	846	U	
NAPHTHALENE	195	U	
NITROBENZENE	212	U	
N-NITROSODIETHYLAMINE	846	U	
N-NITROSODIMETHYLAMINE	88.5	U	
N-NITROSO-DI-N-BUTYLAMINE	846	U	
N-NITROSO-DI-N-PROPYLAMINE	219	U	
N-NITROSODIPHENYLAMINE	114	U	
N-NITROSOMETHYLETHYLAMINE	846	U	
N-NITROSOMORPHOLINE	846	U	
N-NITROSOPIPERIDINE	846	U	
N-NITROSOPYRROLIDINE	846	U	
O-TOLUIDINE	846	U	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	846	U	
PENTACHLOROBENZENE	846	U	
PENTACHLOROETHANE	846	U	
PENTACHLORONITROBENZENE	846	U	
PENTACHLOROPHENOL	641	U	
PHENACETIN	846	U	
PHENANTHRENE	133	U	
PHENOL	179	U	
PRONAMIDE	846	U	
PYRENE	168	U	
PYRIDINE	641	U	
SAFROLE	846	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-1~~ S1-SD-14-00-0507 Site: None

Project: F49565 Project No.: 2069759 Sample Qu:

Lab ID: 20523111 Matrix: Soil % Moisture: 23.4 Not Corrected

Description: None Prep Level: Soil Batch: 86475

Method: 8270 SVOAs Low Soil Units: ug/kg Target List: 8270 SL20

Collected: 05/15/07 Received: 05/23/07

Prep Factor: 1 Prepared: 05/29/07 Analyzed: 06/04/07 21:18 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-1~~ S1-SD-14-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523111 **Matrix:** Soil **% Moisture:** 23.4 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 21:18 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical New Orleans Laboratory

Client:	Accutest Laboratories		
Client ID:	~~F49565-1~~ SI-SD-14-00-0507	**Site:**	None
Project:	F49565	**Project No.:**	2069759
Sample Qu:			
Lab ID:	20523111	**Matrix:**	Soil
% Moisture:	23.4 Not Corrected		
Description:	None	**Prep Level:**	Soil
Batch:	86475		
Method:	8270 SVOAs Low Soil	**Units:**	ug/kg
Target List:	8270 SL20		
		Collected:	05/15/07
Received:	05/23/07		
Prep Factor:	1	**Prepared:**	05/29/07
Analyzed:	06/04/07 21:18 JAM		

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthalenamine	1	ND		330.	
91-59-8	2-Naphthalenamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49565-1~~ SI-SO-14-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523111 **Matrix:** Soil **% Moisture:** 23.4 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 21:18 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-2~~ S1-SD-15-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523112		**Matrix:** Soil	**% Moisture:** 31.2 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 21:47 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	5	ND	D2	1650	
208-96-8	Acenaphthylene	5	ND	D2	1650	
98-86-2	Acetophenone	5	ND	D2	1650	
53-96-3	2-Acetylaminofluorene	5	ND	D2	1650	
92-67-1	4-Aminobiphenyl	5	ND	D2	1650	
62-53-3	Aniline	5	ND	D2	1650	
120-12-7	Anthracene	5	ND	D2	1650	
140-57-8	Aramite	5	ND	D2	1650	
56-55-3	Benzo(a)anthracene	5	ND	D2	1650	
205-99-2	Benzo(b)fluoranthene	5	ND	D2	1650	
207-08-9	Benzo(k)fluoranthene	5	ND	D2	1650	
191-24-2	Benzo(g,h,i)perylene	5	ND	D2	1650	
50-32-8	Benzo(a)pyrene	5	ND	D2	1650	
100-51-6	Benzyl alcohol	5	ND	D2	1650	
101-55-3	4-Bromophenylphenyl ether	5	ND	D2	1650	
85-68-7	Butylbenzylphthalate	5	ND	D2	1650	
59-50-7	4-Chloro-3-methylphenol	5	ND	D2	1650	
106-47-8	4-Chloroaniline	5	ND	D2	1650	
111-91-1	bis(2-Chloroethoxy)methane	5	ND	D2	1650	
111-44-4	bis(2-Chloroethyl) ether	5	ND	D2	1650	
91-58-7	2-Chloronaphthalene	5	ND	D2	1650	
95-57-8	2-Chlorophenol	5	ND	D2	1650	
7005-72-3	4-Chlorophenylphenyl ether	5	ND	D2	1650	
218-01-9	Chrysene	5	ND	D2	1650	
53-70-3	Dibenz(a,h)anthracene	5	ND	D2	1650	
132-64-9	Dibenzofuran	5	ND	D2	1650	
95-50-1	1,2-Dichlorobenzene	5	ND	D2	1650	
541-73-1	1,3-Dichlorobenzene	5	ND	D2	1650	
106-46-7	1,4-Dichlorobenzene	5	ND	D2	1650	
91-94-1	3,3'-Dichlorobenzidine	5	ND	D2	3340	
120-83-2	2,4-Dichlorophenol	5	ND	D2	1650	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:16

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49565-2~~ SL-SD-15-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523112 **Matrix:** Soil **% Moisture:** 31.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270 SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 21:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	5	ND	D2	1650	
84-66-2	Diethylphthalate	5	ND	D2	1650	
60-11-7	P-Dimethylaminoazobenzene	5	ND	D2	1650	
57-97-6	7,12-Dimethylbenz(a)anthracene	5	ND	D2	1650	
119-93-7	3,3'-Dimethylbenzidine	5	ND	D2	1650	
105-67-9	2,4-Dimethylphenol	5	ND	D2	1650	
122-09-8	a,a-Dimethylphenylethylamine	5	ND	D2	1650	
131-11-3	Dimethylphthalate	5	ND	D2	1650	
84-74-2	Di-n-butylphthalate	5	ND	D2	1650	
534-52-1	4,6-Dinitro-2-methylphenol	5	ND	D2	1650	
99-65-0	1,3-Dinitrobenzene	5	ND	D2	1650	
51-28-5	2,4-Dinitrophenol	5	ND	D2	1650	
121-14-2	2,4-Dinitrotoluene	5	ND	D2	1650	
606-20-2	2,6-Dinitrotoluene	5	ND	D2	1650	
117-84-0	Di-n-octylphthalate	5	ND	D2	1650	
88-85-7	Dinoseb	5	ND	D2	1650	
117-81-7	bis(2-Ethylhexyl)phthalate	5	ND	D2	1650	
62-50-0	Ethyl methanesulfonate	5	ND	D2	1650	
206-44-0	Fluoranthene	5	ND	D2	1650	
86-73-7	Fluorene	5	ND	D2	1650	
87-68-3	Hexachloro-1,3-butadiene	5	ND	D2	1650	
118-74-1	Hexachlorobenzene	5	ND	D2	1650	
77-47-4	Hexachlorocyclopentadiene	5	ND	D2	1650	
67-72-1	Hexachloroethane	5	ND	D2	1650	
70-30-4	Hexachlorophene	5	ND	D2	1650	
1888-71-7	Hexachloropropene	5	ND	D2	1650	
193-39-5	Indeno(1,2,3-cd)pyrene	5	ND	D2	1650	
78-59-1	Isophorone	5	ND	D2	1650	
120-58-1	Isosafrole	5	ND	D2	1650	
91-80-5	Methapyrilene	5	ND	D2	1650	
56-49-5	3-Methylcholanthrene	5	ND	D2	1650	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-2~~ S1-SO-15-00-0507 | Site: None

Project: F49565 | Project No.: 2069759 | Sample Qu:

Lab ID: 20523112 | Matrix: Soil | % Moisture: 31.2 Not Corrected

Description: None | Prep Level: Soil | Batch: 86475

Method: 8270 SVOAs Low Soil | Units: ug/kg | Target List: 8270_SL20

Collected: 05/15/07 | Received: 05/23/07

Prep Factor: 1 | Prepared: 05/29/07 | Analyzed: 06/04/07 21:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	5	ND	D2	1650	
91-57-6	2-Methylnaphthalene	5	ND	D2	1650	
95-48-7	2-Methylphenol (o-Cresol)	5	ND	D2	1650	
	3&4-Methylphenol	5	ND	D2	3300	
91-20-3	Naphthalene	5	ND	D2	1650	
134-32-7	1-Naphthalenecamine	5	ND	D2	1650	
91-59-8	2-Naphthalenecamine	5	ND	D2	1650	
130-15-4	1,4-Naphthoquinone	5	ND	D2	8350	
88-74-4	2-Nitroaniline	5	ND	D2	666.	
99-09-2	3-Nitroaniline	5	ND	D2	1650	
100-01-6	4-Nitroaniline	5	ND	D2	1650	
98-95-3	Nitrobenzene	5	ND	D2	1650	
88-75-5	2-Nitrophenol	5	ND	D2	1650	
100-02-7	4-Nitrophenol	5	ND	D2	1650	
56-57-5	4-Nitroquinoline-n-oxide	5	ND	D2	1650	
99-55-8	5-Nitro-o-toluidine	5	ND	D2	1650	
55-18-5	N-Nitrosodiethylamine	5	ND	D2	1650	
62-75-9	N-Nitrosodimethylamine	5	ND	D2	1650	
924-16-3	N-Nitroso-di-n-butylamine	5	ND	D2	1650	
621-64-7	N-Nitroso-di-n-propylamine	5	ND	D2	1650	
86-30-6	N-Nitrosodiphenylamine	5	ND	D2	1650	
10595-95-6	N-Nitrosomethylethylamine	5	ND	D2	1650	
59-89-2	N-Nitrosomorpholine	5	ND	D2	1650	
100-75-4	N-Nitrosopiperidine	5	ND	D2	1650	
930-55-2	N-Nitrosopyrrolidine	5	ND	D2	1650	
108-60-1	2,2'-Oxybis(1-chloropropane)	5	ND	D2	1650	
608-93-5	Pentachlorobenzene	5	ND	D2	1650	
76-01-7	Pentachloroethane	5	ND	D2	1650	
82-68-8	Pentachloronitrobenzene	5	ND	D2	1650	
87-86-5	Pentachlorophenol	5	ND	D2	1650	
62-44-2	Phenacetin	5	ND	D2	1650	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-2~~ S1-S0-15-00-0507
Site: None

Project: F49565
Project No.: 2069759
Sample Qu:

Lab ID: 20523112
Matrix: Soil
% Moisture: 31.2 Not Corrected

Description: None
Prep Level: Soil
Batch: 86475

Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270 SL20

Collected: 05/15/07
Received: 05/23/07

Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 21:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	5	ND	D2	1650	
108-95-2	Phenol	5	ND	D2	1650	
106-50-3	p-Phenylenediamine	5	ND	D2	1650	
109-06-8	2-Picoline	5	ND	D2	1650	
23950-58-5	Pronamide	5	ND	D2	1650	
129-00-0	Pyrene	5	ND	D2	1650	
110-86-1	Pyridine	5	ND	D2	1650	
94-59-7	Safrole	5	ND	D2	1650	
95-94-3	1,2,4,5-Tetrachlorobenzene	5	ND	D2	1650	
58-90-2	2,3,4,6-Tetrachlorophenol	5	ND	D2	1650	
95-53-4	O-Toluidine	5	ND	D2	1650	
120-82-1	1,2,4-Trichlorobenzene	5	ND	D2	1650	
95-95-4	2,4,5-Trichlorophenol	5	ND	D2	1650	
88-06-2	2,4,6-Trichlorophenol	5	ND	D2	1650	
99-35-4	1,3,5-Trinitrobenzene	5	ND	D2	1650	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49565-3~~ SL-SD-16-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523113 **Matrix:** Soil **% Moisture:** 87.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 19:27 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health ,Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client ID: ~~F49565-3~~ S1-S0-16-00-0507	**Client:** Accutest Laboratories		
	Site: None		
Project: F49565	**Project No.:** 2069759	**Sample Qu:**	
Lab ID: 20523113	**Matrix:** Soil	**% Moisture:**	87.2 Not Corrected
Description: None	**Prep Level:** Soil	**Batch:**	86475
Method: 8270 SVOAs Low Soil	**Units:** ug/kg	**Target List:**	8270_SL20
	Collected: 05/15/07	**Received:**	05/23/07
Prep Factor: 1	**Prepared:** 05/29/07	**Analyzed:**	06/04/07 19:27 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49565-3~~ S1-SO-16-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523113 **Matrix:** Soil **% Moisture:** 87.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 19:27 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-3~~ SL-SD-16-00-0507 **Site:** None

Project: F49565 **Project No.:** 2069759 **Sample Qu:**

Lab ID: 20523113 **Matrix:** Soil **% Moisture:** 87.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/15/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 19:27 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

106 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:17

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87593
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-4~~ S1-SD-12-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523114		**Matrix:** Soil	**% Moisture:** 87 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 19:54 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-4~~ S1-SO-17-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523114		**Matrix:** Soil	**% Moisture:** 87 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 19:54 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-4~~ S1-SO-17-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523114		**Matrix:** Soil	**% Moisture:** 87 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270 SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 19:54 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-4~~ 51-50-17-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523114		**Matrix:** Soil	**% Moisture:** 87 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 19:54 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0691
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health ,Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

Client:	Accutest Laboratories		
Client ID:	~~F49565-5~~ S1-50-18-00-0507	**Site:**	None
Project:	F49565	**Project No.:**	2069759
Sample Qu:			
Lab ID:	20523115	**Matrix:**	Soil
% Moisture:	86.3 Not Corrected		
Description:	None	**Prep Level:**	Soil
Batch:	86475		
Method:	8270 SVOAs Low Soil	**Units:**	ug/kg
Target List:	8270_SL20		
		Collected:	05/15/07
Received:	05/23/07		
Prep Factor:	1	**Prepared:**	05/29/07
Analyzed:	06/04/07 20:21 JAM		

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-5~~ S1-SO-18-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523115		**Matrix:** Soil	**% Moisture:** 86.3 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270 SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 20:21 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0881
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87596
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-5~~ S1-SO-18-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523115		**Matrix:** Soil	**% Moisture:** 86.3 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 20:21 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10255
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-5~~ S1-S0-18-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523115		**Matrix:** Soil	**% Moisture:** 86.3 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270_SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 20:21 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:18

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49565-6~~ 51-50-19-00-0507
Site: None
Project: F49565
Project No.: 2069759
Sample Qu:
Lab ID: 20523116
Matrix: Soil
% Moisture: 61 Not Corrected
Description: None
Prep Level: Soil
Batch: 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20
Collected: 05/15/07
Received: 05/23/07
Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 20:49 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:19

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0691
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87695
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client:	Accutest Laboratories		
Client ID:	~~F49565-6~~ S1-3D-9-00-0507	**Site:**	None
Project:	F49565	**Project No.:**	2069759
Sample Qu:			
Lab ID:	20523116	**Matrix:**	Soil
% Moisture:	61 Not Corrected		
Description:	None	**Prep Level:**	Soil
Batch:	86475		
Method:	8270 SVOAs Low Soil	**Units:**	ug/kg
Target List:	8270_SL20		
		Collected:	05/15/07
Received:	05/23/07		
Prep Factor:	1	**Prepared:**	05/29/07
Analyzed:	06/04/07 20:49 JAM		

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:19

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49565-6~~ S1-SO-19-00-0507 | Site: None

Project: F49565 | Project No.: 2069759 | Sample Qu:

Lab ID: 20523116 | Matrix: Soil | % Moisture: 61 Not Corrected

Description: None | Prep Level: Soil | Batch: 86475

Method: 8270 SVOAs Low Soil | Units: ug/kg | Target List: 8270 SL20

Collected: 05/15/07 | Received: 05/23/07

Prep Factor: 1 | Prepared: 05/29/07 | Analyzed: 06/04/07 20:49 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthalenearnine	1	ND		330.	
91-59-8	2-Naphthalenearnine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:19

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87596
Kansas Dept. of Health ,Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical New Orleans Laboratory

		Client: Accutest Laboratories	
Client ID: ~~F49565-6~~ SL-SO-19-00-0507		**Site:** None	
Project: F49565		**Project No.:** 2069759	**Sample Qu:**
Lab ID: 20523116		**Matrix:** Soil	**% Moisture:** 61 Not Corrected
Description: None		**Prep Level:** Soil	**Batch:** 86475
Method: 8270 SVOAs Low Soil		**Units:** ug/kg	**Target List:** 8270 SL20
		Collected: 05/15/07	**Received:** 05/23/07
Prep Factor: 1		**Prepared:** 05/29/07	**Analyzed:** 06/04/07 20:49 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:07:19

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG F49565

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20
OS	UG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20
OS	UG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20
OS	UG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20
OS	UG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20
OS	UG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	6/4/2007	6/4/2007	20	0	20

Pace Analytical Services, Inc.
1000 Riverbend Blvd., Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555

Sample Data Package

SDG: 2069759

Project(s): 2069759

Presented to:

Aaron S. David
Accutest Laboratories
4405 Vineland Road
Suite C-15
Orlando, FL 32811

Presented By:

Pace Analytical Services, Inc.
1000 Riverbend Blvd.
Suite F
St. Rose, Louisiana 70087

July 13, 2007

Pace Analytical®
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

June 05, 2007

Aaron S. David
Accutest Laboratories
4405 Vineland Road
Suite C-15
Orlando, FL 32811

RE: Project: 2069759
RE: Project ID: F49565

Dear Aaron S. David:

Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karen Brown

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, execpt in full, without the written consent of Pace Analytical Services, Inc.

Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Project: F49565

Project No.: 2069759

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
F49565-1	20523111	Soil	05/15/2007	11:40	05/23/2007	10:20
F49565-2	20523112	Soil	05/15/2007	12:20	05/23/2007	10:20
F49565-3	20523113	Soil	05/15/2007	15:05	05/23/2007	10:20
F49565-4	20523114	Soil	05/15/2007	14:45	05/23/2007	10:20
F49565-5	20523115	Soil	05/15/2007	14:20	05/23/2007	10:20
F49565-6	20523116	Soil	05/15/2007	13:10	05/23/2007	10:20

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical®
New Orleans Laboratory

Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069759

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

All blank results were below reporting limits.

Laboratory Control Samples:

All LCS recoveries were within QC limits.

Matrix Spikes and Duplicates:

MS or MSD recoveries outside of QC limits are qualified in the Report of Quality Control section.

Surrogates:

Surrogate recoveries outside of QC limits are qualified in the surrogate results section.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069759

Analytical Method	Batch	Sample used for QC
EPA 8270	86475	Client sample F49607-1 from project 2069761
% Moisture	86422	Batch sample from another client

6/5/2007 17:07:13

For the sample used as the original for the DUP or MS/MSD for the batch:

Project sample means a sample from this project was used.
Client sample means a sample from the same client but in a different project was used.
Batch sample means a sample from the a different client was used.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87395
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical*
New Orleans Laboratory

Report Qualifiers

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069759

Analyte Qualifiers

Qualifier	Qualifier Description
A10	N-Nitrosodiphenylamine is reported as diphenylamine.

General Qualifiers

Qualifier	Qualifier Description
D2	The analysis was performed at a dilution due to the presence of matrix interferences.

QC Qualifiers

Qualifier	Qualifier Description
Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

CHAIN OF CUSTODY

ACCUTEST Laboratories

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

ACCUTEST LABORATORIES S.E
NAME

ADDRESS

CITY, STATE ZIP

SEND REPORT TO:
PHONE #

FACILITY INFORMATION

F49565
PROJECT NAME

LOCATION

PROJECT NO.

FAX #

ANALYTICAL INFORMATION

APP 6 SUOC

20697599

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE		LAB USE ONLY
	F49565-1	5/15/07	11:40		SO	1					X	X	20523111
	-2	"	12:20		"	1					X	X	112
	-3		15:05			1					X	X	113
	-4		14:45			1					X	X	114
	-5		14:20			1					X	X	115
	-6	5/15/07	13:10		SO	1					X	X	116

DATA TURNAROUND INFORMATION

☒ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☐ OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

☒ STANDARD
☐ COMMERCIAL "B"
☐ DISK DELIVERABLE
☐ STATE FORMS
☐ OTHER (SPECIFY)

COMMENTS/REMARKS

Pace Analytical
ASD

(100010)

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1.	DATE/TIME: 5-22-07 1600	RECEIVED BY: 1.	RELINQUISHED BY: 2.	DATE TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3. FedEx	DATE TIME: 1020 5-23-07	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☑ TEMPERATURE 3.7 C

Form 4x

METHOD BLANK SUMMARY

CLP Style Form IV

Sample ID : **86475 BLANK 1**
Lab ID : **20523671**
Project: **2069759**

Batch: **86475**
Lab File ID: **060407\0604B**
Analysis Time: **06/04/2007 14:47**

Client Sample ID	Lab Sample ID	Lab File ID	Analysis Date	Analysis Time
86475 LCS 1	20523672	060407\0604B11	06/04/2007	15:15
F49565-3	20523113	060407\0604B20	06/04/2007	19:27
F49565-4	20523114	060407\0604B21	06/04/2007	19:54
F49565-5	20523115	060407\0604B22	06/04/2007	20:21
F49565-6	20523116	060407\0604B23	06/04/2007	20:49
F49565-1	20523111	060407\0604B24	06/04/2007	21:18
F49565-2	20523112	060407\0604B25	06/04/2007	21:47

Comments:

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069759

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 AM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
83-32-9	Acenaphthene	1	ND		330.
208-96-8	Acenaphthylene	1	ND		330.
98-86-2	Acetophenone	1	ND		330.
53-96-3	2-Acetylaminofluorene	1	ND		330.
92-67-1	4-Aminobiphenyl	1	ND		330.
62-53-3	Aniline	1	ND		330.
120-12-7	Anthracene	1	ND		330.
140-57-8	Aramite	1	ND		330.
56-55-3	Benzo(a)anthracene	1	ND		330.
205-99-2	Benzo(b)fluoranthene	1	ND		330.
207-08-9	Benzo(k)fluoranthene	1	ND		330.
191-24-2	Benzo(g,h,i)perylene	1	ND		330.
50-32-8	Benzo(a)pyrene	1	ND		330.
100-51-6	Benzyl alcohol	1	ND		330.
101-55-3	4-Bromophenylphenyl ether	1	ND		330.
85-68-7	Butylbenzylphthalate	1	ND		330.
59-50-7	4-Chloro-3-methylphenol	1	ND		330.
106-47-8	4-Chloroaniline	1	ND		330.
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.
91-58-7	2-Chloronaphthalene	1	ND		330.
95-57-8	2-Chlorophenol	1	ND		330.
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.
218-01-9	Chrysene	1	ND		330.
53-70-3	Dibenz(a,h)anthracene	1	ND		330.
132-64-9	Dibenzofuran	1	ND		330.
95-50-1	1,2-Dichlorobenzene	1	ND		330.
541-73-1	1,3-Dichlorobenzene	1	ND		330.
106-46-7	1,4-Dichlorobenzene	1	ND		330.
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.
120-83-2	2,4-Dichlorophenol	1	ND		330.
87-65-0	2,6-Dichlorophenol	1	ND		330.
84-66-2	Diethylphthalate	1	ND		330.
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.

6/5/2007 17:07:28

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0691
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87605
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069759

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
105-67-9	2,4-Dimethylphenol	1	ND		330.
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.
131-11-3	Dimethylphthalate	1	ND		330.
84-74-2	Di-n-butylphthalate	1	ND		330.
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.
99-65-0	1,3-Dinitrobenzene	1	ND		330.
51-28-5	2,4-Dinitrophenol	1	ND		330.
121-14-2	2,4-Dinitrotoluene	1	ND		330.
606-20-2	2,6-Dinitrotoluene	1	ND		330.
117-84-0	Di-n-octylphthalate	1	ND		330.
88-85-7	Dinoseb	1	ND		330.
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.
62-50-0	Ethyl methanesulfonate	1	ND		330.
206-44-0	Fluoranthene	1	ND		330.
86-73-7	Fluorene	1	ND		330.
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.
118-74-1	Hexachlorobenzene	1	ND		330.
77-47-4	Hexachlorocyclopentadiene	1	ND		330.
67-72-1	Hexachloroethane	1	ND		330.
70-30-4	Hexachlorophene	1	ND		3330
1888-71-7	Hexachloropropene	1	ND		330.
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.
78-59-1	Isophorone	1	ND		330.
120-58-1	Isosafrole	1	ND		330.
91-80-5	Methapyrilene	1	ND		330.
56-49-5	3-Methylcholanthrene	1	ND		330.
66-27-3	Methyl methanesulfonate	1	ND		330.
91-57-6	2-Methylnaphthalene	1	ND		330.
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.
	3&4-Methylphenol	1	ND		660.
91-20-3	Naphthalene	1	ND		330.
134-32-7	1-Naphthaleneamine	1	ND		330.
91-59-8	2-Naphthaleneamine	1	ND		330.
130-15-4	1,4-Naphthoquinone	1	ND		1670
88-74-4	2-Nitroaniline	1	ND		330.
99-09-2	3-Nitroaniline	1	ND		330.

6/5/2007 17:07:28

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069759

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
100-01-6	4-Nitroaniline	1	ND		330.
98-95-3	Nitrobenzene	1	ND		330.
88-75-5	2-Nitrophenol	1	ND		330.
100-02-7	4-Nitrophenol	1	ND		330.
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.
99-55-8	5-Nitro-o-toluidine	1	ND		330.
55-18-5	N-Nitrosodiethylamine	1	ND		330.
62-75-9	N-Nitrosodimethylamine	1	ND		330.
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.
59-89-2	N-Nitrosomorpholine	1	ND		330.
100-75-4	N-Nitrosopiperidine	1	ND		330.
930-55-2	N-Nitrosopyrrolidine	1	ND		330.
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.
608-93-5	Pentachlorobenzene	1	ND		330.
76-01-7	Pentachloroethane	1	ND		330.
82-68-8	Pentachloronitrobenzene	1	ND		330.
87-86-5	Pentachlorophenol	1	ND		330.
62-44-2	Phenacetin	1	ND		330.
85-01-8	Phenanthrene	1	ND		330.
108-95-2	Phenol	1	ND		330.
106-50-3	p-Phenylenediamine	1	ND		330.
109-06-8	2-Picoline	1	ND		330.
23950-58-5	Pronamide	1	ND		330.
129-00-0	Pyrene	1	ND		330.
110-86-1	Pyridine	1	ND		330.
94-59-7	Safrole	1	ND		330.
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.
95-53-4	O-Toluidine	1	ND		330.
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.
95-95-4	2,4,5-Trichlorophenol	1	ND		330.
88-06-2	2,4,6-Trichlorophenol	1	ND		330.
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.

6/5/2007 17:07:28

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Form 5

GCMS Instrument Performance Check (TUNE)

DFTPP

Data File : C:\DATAB\110706\1107B00.D Vial: 1
Acq On : 7 Nov 2006 14:05 Operator:
Sample : 534-31-PERF Inst : 5973N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 389 (8.16 min)
Average of 3 scans: 388,389,390 minus background scan 369 (8.05 min)

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	38.9	35024	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	41.0	36869	PASS
70	69	0	2	0.3	119	PASS
127	198	25	75	47.6	42821	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	89981	PASS
199	198	5	9	6.8	6112	PASS
275	198	10	30	21.7	19530	PASS
365	198	1	100	2.0	1778	PASS
441	443	0	100	87.3	6489	PASS
442	198	40	110	42.2	37991	PASS
443	442	15	24	19.6	7432	PASS

Client Sample ID	Lab Sample ID	Lab File ID	Batch	Analysis Date	Analysis Time
	534-42-APIX40	1107B01		11/7/2006	14:22:00
	534-42-APIX50	1107B02		11/7/2006	14:50:00
	534-42-APIX60	1107B03		11/7/2006	15:18:00
	534-42-APIX80	1107B04		11/7/2006	15:45:00
	534-42-APIX25	1107B05		11/7/2006	16:13:00
	534-42-APIX10	1107B06		11/7/2006	16:40:00

Comments:

Response Factor Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Thu Nov 09 12:01:35 2006
Response via : Initial Calibration

Calibration Files
40 =1107B01.D 50 =1107B02.D 60 =1107B03.D
80 =1107B04.D 25 =1107B05.D 10 =1107B06.D

		Compound	40	50	60	80	25	10	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	----------ISTD----------							
2)		D220 2-Picoline	1.413	1.494	1.313	1.527	1.140	1.406	1.382	10.16
3)		D225 Nitrosomethyle	0.619	0.624	0.551	0.643	0.556	0.608	0.600	6.32
4)		D230 Methyl methane	0.846	0.891	0.772	0.886	0.828	0.821	0.840	5.26
5)		D235 N-Nitrosodieth	0.612	0.631	0.619	0.652	0.595	0.601	0.618	3.37
6)		D240 Ethyl methanes	1.022	1.026	0.978	1.026	0.961	0.937	0.992	3.89
7)		D245 Pentachloroeth	0.543	0.573	0.545	0.571	0.543	0.553	0.555	2.50
8)		D250 N-Nitrosopyrro	0.521	0.476	0.512	0.460	0.511	0.527	0.501	5.35
9)		D260 N-Nitrosomorph	0.691	0.669	0.708	0.651	0.734	0.761	0.702	5.83
10)		D265 o-Toluidine	1.588	1.527	1.600	1.522	1.732	1.807	1.629	7.08
11)	I	CI40 Naphthalene-d8	----------ISTD----------							
12)		D270 N-Nitrosopiper	0.263	0.265	0.272	0.269	0.250	0.249	0.261	3.75
13)		D290 a,a-Dimethylph	0.710	0.636	0.771	0.609	0.568	0.366	0.610	22.98
14)		D275 2,6-Dichloroph	0.256	0.249	0.242	0.236	0.254	0.251	0.248	3.06
15)		D280 Hexachloroprop	0.225	0.233	0.227	0.219	0.231	0.224	0.227	2.21
16)		D285 N-Nitrosodi-n-	0.217	0.201	0.215	0.188	0.219	0.269	0.218	12.56
17)		D410 p-Phenylenedia	0.259	0.214	0.258	0.169	0.234	0.182	0.219	17.36
18)		D295 Safrole	0.246	0.244	0.239	0.229	0.256	0.249	0.244	3.77
19)	I	CI50 Acenaphthene-d10	----------ISTD----------							
20)		D305 1,2,4,5 Tetrac	0.602	0.628	0.598	0.674	0.605	0.587	0.616	5.12
21)		D300 Isosafrole	0.502	0.499	0.493	0.503	0.516	0.490	0.500	1.79
22)		D315 1,4-Naphthoqui	0.377	0.329	0.324	0.279	0.396	0.405	0.352	13.90
23)		D315 m-Dinitrobenze	0.206	0.197	0.213	0.182	0.201	0.182	0.197	6.48
24)		D320 Pentachloroben	0.424	0.428	0.430	0.420	0.428	0.409	0.423	1.83
25)		D325 1-Naphthylamin	0.953	0.942	1.044	0.901	0.917	0.834	0.932	7.44
26)		D330 2-Naphthylamin	0.793	0.780	0.885	0.756	0.756	0.616	0.764	11.37
27)		C321 2,3,4,6-Tetrac	0.307	0.313	0.336	0.303	0.271	0.267	0.300	8.82
28)		D335 5-Nitro-o-tolu	1.599	1.553	1.551	1.500	1.650	1.694	1.591	4.48
29)	I	CI60 Phenanthrene-d10	----------ISTD----------							
30)		D340 1,3,5-Trinitro	0.364	0.375	0.371	0.331	0.314	0.255	0.335	13.70
31)		D345 Phenacetin	0.489	0.490	0.487	0.434	0.471	0.389	0.460	8.83
32)		D350 4-Aminobipheny	0.768	0.803	0.814	0.762	0.753	0.682	0.764	6.09
33)		D355 Pentachloronit	0.125	0.123	0.118	0.111	0.124	0.117	0.120	4.27
34)		D360 Pronamide	0.398	0.398	0.380	0.344	0.387	0.374	0.380	5.32
35)		D365 2- sec butyl 4	0.228	0.241	0.241	0.233	0.231	0.214	0.231	4.37
36)		D370 4-Nitroquinoli	0.112	0.117	0.119	0.100	0.080	0.037	0.094	33.46
37)		D375 Methapyrilene	0.444	0.448	0.463	0.412	0.432	0.436	0.439	3.89
38)	I	CI70 Chrysene-d12	----------ISTD----------							
39)		D380 Aramite	0.131	0.124	0.122	0.109	0.119	0.117	0.120	6.08

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

020089

Response Factor Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Thu Nov 09 12:01:35 2006
Response via : Initial Calibration

Calibration Files
40 =1107B01.D 50 =1107B02.D 60 =1107B03.D
80 =1107B04.D 25 =1107B05.D 10 =1107B06.D

		Compound	40	50	60	80	25	10	Avg	%RSD
40)		D385 p-Dimethylamin	0.391	0.388	0.393	0.359	0.369	0.363	0.377	4.00
41)		D390 3,3'-Dimethylb	0.780	0.771	0.755	0.663	0.688	0.562	0.703	11.86
42)		D391 Kepone	0.041	0.047	0.052	0.051	0.051	0.050	0.049	8.89
43)		D395 2-Acetylaminof	0.516	0.524	0.536	0.536	0.545	0.540	0.533	2.00
44)	I	CI75 Perylene-d12	ISTD							
45)		D400 7,12Dimethlben	0.951	0.978	0.911	0.888	0.827	0.637	0.865	14.26
46)		Hexachlorophen	0.100	0.100	0.084	0.075	0.112	0.049	0.087	25.83
47)		D405 3-Methylcholan	0.655	0.644	0.614	0.588	0.637	0.585	0.621	4.77

Total Average %RSD 8.15

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

020090

Form 5

GCMS Instrument Performance Check (TUNE)

DFTPP

Data File : C:\DATAB\060107\0601B00.D Vial: 1
Acq On : 1 Jun 2007 15:07 Operator:
Sample : 534-31-PERF Inst : 5973N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 179 (8.04 min)
Average of 3 scans: 178,179,180 minus background scan 159 (7.93 min)

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	36.7	9480	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	38.0	9792	PASS
70	69	0	2	0.0	0	PASS
127	198	25	75	49.1	12656	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	25797	PASS
199	198	5	9	7.0	1793	PASS
275	198	10	30	20.6	5326	PASS
365	198	1	100	2.8	724	PASS
441	443	0	100	75.1	4021	PASS
442	198	40	110	105.4	27185	PASS
443	442	15	24	19.7	5356	PASS

Client Sample ID	Lab Sample ID	Lab File ID	Batch	Analysis Date	Analysis Time
	534-54-STD40	0601B01		6/1/2007	15:23:00
	534-54-STD50	0601B02		6/1/2007	16:22:00
	534-54-STD60	0601B03		6/1/2007	16:49:00
	534-54-STD80	0601B04		6/1/2007	17:17:00
	534-54-STD25	0601B05		6/1/2007	17:46:00
	534-54-STD10	0601B06		6/1/2007	18:13:00
	534-50-ICV40	0601B07		6/1/2007	18:41:00

020007

Comments:

Response Factor Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Sat Jun 02 13:28:29 2007
Response via : Initial Calibration

Calibration Files
40 =0601B01.D 50 =0601B02.D 60 =0601B03.D
80 =0601B04.D 25 =0601B05.D 10 =0601B06.D

			Compound	40	50	60	80	25	10	Avg	%RSD
1)	I	CI30	1,4-Diclbenzene-	----------			ISTD	----------			
2)	T	C319	Pyridine	1.402	1.379	1.416	1.299	1.313	1.181	1.332	6.60
3)	T	C310	N-Nitrosodimea	0.850	0.781	0.857	0.817	0.794	0.722	0.804	6.20
4)	S	CS50	2-Fluorophenol	1.386	1.294	1.412	1.353	1.354	1.275	1.345	3.90
5)	T	A311	Benzaldehyde	0.761	0.789	0.742	0.589	0.950	1.060	0.815B	20.39B
								Q	A= -0.113	R=0.987	
									B= 1.042	R=0.99 6/7/07	
									C= 0.028		
6)	S	CS70	2-Chlorophenol	1.278	1.126	1.214	1.148	1.247	1.192	1.201	4.82
7)	T	C320	Aniline	1.650	1.444	1.516	1.474	1.550	1.639	1.546	5.49
8)	T	C325	bis(2-Cleth)et	1.525	1.323	1.373	1.261	1.446	1.410	1.390	6.68
9)	S	CS45	Phenol-d5	1.704	1.473	1.539	1.428	1.593	1.586	1.554	6.28
10)	MC	C315	Phenol	1.816	1.586	1.623	1.490	1.709	1.733	1.660	7.02
11)	M	C330	2-Chlorophenol	1.396	1.238	1.291	1.192	1.349	1.309	1.296	5.71
12)	T	C335	13-Dichloroben	1.379	1.229	1.330	1.229	1.340	1.315	1.304	4.73
13)	MC	C340	14-Dichloroben	1.388	1.220	1.313	1.204	1.333	1.353	1.302	5.69
14)	S	CS75	1,2-Diclbenzen	0.779	0.672	0.708	0.642	0.756	0.754	0.719	7.47
15)	T	C350	12-Dichloroben	1.329	1.159	1.204	1.078	1.288	1.319	1.230	8.12
16)	T	C345	Benzyl alcohol	0.997	0.871	0.926	0.874	0.937	0.947	0.925	5.13
17)	T	C357	bis(2-Clipr) e	1.822	1.567	1.657	1.540	1.667	1.714	1.661	6.16
18)	T	C355	2-Methylphenol	1.386	1.205	1.262	1.183	1.297	1.323	1.276	5.92
19)	T	A356	Acetophenone	1.444	1.331	1.291	1.132	1.538	1.705	1.407	14.28
20)	T	C375	Hexachloroetha	0.506	0.437	0.469	0.431	0.493	0.483	0.470	6.47
21)	MP	C370	N-Nitrosodinpr	0.962	0.767	0.786	0.730	0.893	0.965	0.850	12.13
22)	T	C365	3Mphenol/4Mphe	1.409	1.159	1.173	1.032	1.355	1.370	1.250	11.99
23)	I	CI40	Naphthalene-d8	----------			ISTD	----------			
24)	S	CS20	Nitrobenzene-d	0.315	0.277	0.294	0.273	0.294	0.304	0.293	5.31
25)	T	C410	Nitrobenzene	0.295	0.258	0.272	0.249	0.279	0.290	0.274	6.57
26)	T	C415	Isophorone	0.592	0.516	0.534	0.509	0.548	0.586	0.547	6.37
27)	C	C420	2-Nitrophenol	0.166	0.149	0.161	0.153	0.161	0.169	0.160	4.70
28)	T	C425	2,4-Dimethylph	0.306	0.261	0.273	0.251	0.286	0.298	0.279	7.70
29)	T	C435	bis(2-Clethox)	0.398	0.339	0.348	0.312	0.384	0.418	0.367	10.95
30)	C	C440	2,4-Dichloroph	0.259	0.225	0.236	0.219	0.245	0.240	0.238	6.03
31)	T	C430	Benzoic acid	0.181	0.159	0.190	0.197	0.137	0.100	0.161B	23.06B
								L	M= 0.212	R=0.988	
									B= -0.079	=0.99 6/7/07	
32)	M	C445	1,2,4-Triclben	0.253	0.223	0.230	0.212	0.248	0.255	0.237	7.58
33)	T	C450	Naphthalene	0.881	0.760	0.772	0.684	0.871	0.927	0.816	11.23
34)	T	C455	4-Chloroanilin	0.339	0.304	0.324	0.310	0.305	0.323	0.317	4.36
35)	C	C460	Hexachlorobuta	0.117	0.103	0.108	0.095	0.118	0.123	0.111	9.59
36)	T	A461	Caprolactam	0.104	0.116	0.103	0.098	0.117	0.129	0.111	10.39
37)	MC	C465	4-Cl-3-mepheno	0.292	0.245	0.263	0.244	0.267	0.277	0.265	7.03
38)	T	C470	2Methylnaphtha	0.559	0.476	0.485	0.426	0.552	0.601	0.516	12.55
39)	I	CI50	Acenaphthene-d10	----------			ISTD	----------			
40)	P	C510	Hexaclcypentad	0.215	0.197	0.212	0.189	0.209	0.180	0.200	6.91
41)	C	C515	2,4,6-Triclphe	0.291	0.258	0.278	0.247	0.294	0.296	0.277	7.37
42)	T	C520	2,4,5-Triclphe	0.308	0.280	0.295	0.267	0.308	0.324	0.297	7.07

020092

43)	S	CS25	2-Fluorobiphen	0.980	0.862	0.900	0.785	1.028	1.092	0.941	12.01
44)	T	A521	1,1'-Biphenyl	1.064	1.029	1.048	0.902	1.202	1.337	1.097	13.80
45)	T	C525	2Chloronaphtha	0.941	0.827	0.871	0.785	0.952	1.020	0.899	9.72
46)	T	C530	2-Nitroaniline	0.286	0.249	0.270	0.244	0.270	0.268	0.265	5.82
47)	T	C540	Acenaphthylene	1.499	1.306	1.352	1.180	1.518	1.643	1.416	11.82
48)	T	C535	Dimethylphthal	1.175	1.010	1.098	0.970	1.173	1.262	1.115	9.91
49)	T	C543	2,6-Dinitrotol	0.273	0.236	0.262	0.240	0.270	0.255	0.256	6.03
50)	MC	C550	Acenaphthene	0.939	0.816	0.821	0.716	0.983	1.092	0.894B	15.21B
								Q	A= -0.089 R=0.995		
									B= 1.060		
									C= 0.045		
51)	T	C545	3-Nitroaniline	0.236	0.205	0.231	0.223	0.239	0.274	0.235	9.70
52)	P	C555	2,4-Dinitrophe	0.146	0.129	0.155	0.149	0.123	0.079	0.130B	21.31B
								L	M= 0.161 R=0.989		
									B= -0.044		
53)	T	C565	Dibenzofuran	1.339	1.144	1.192	1.031	1.353	1.451	1.252	12.46
54)	M	C570	2,4-Dinitrotol	0.372	0.318	0.351	0.318	0.354	0.348	0.344	6.24
55)	MP	C560	4-Nitrophenol	0.134	0.111	0.124	0.120	0.111	0.096	0.116	11.35
56)	T	C590	Fluorene	1.045	0.875	0.911	0.763	1.081	1.207	0.981B	16.38B
								Q	A= -0.113 R=0.989		
									B= 1.211		
									C= 0.027		
57)	T	C585	4-Clphenphen e	0.517	0.433	0.441	0.367	0.531	0.602	0.482B	17.43B
								Q	A= -0.061 R=0.991		
									B= 0.609		
									C= 0.010		
58)	T	C580	Diethylphthala	1.107	0.929	0.975	0.858	1.106	1.221	1.033	13.07
59)	T	C595	4-Nitroaniline	0.198	0.188	0.189	0.173	0.203	0.252	0.200	13.65
60)	I	CI60	Phenanthrene-d10	----------ISTD----------							
61)	T	D200	12Diphenylhydr	0.641	0.564	0.546	0.489	0.643	0.713	0.600	13.54
62)	T	C610	4,6-Din-2-meph	0.135	0.125	0.136	0.131	0.126	0.103	0.126	9.55
63)	C	C615	N-Nitrosodipha	0.514	0.456	0.457	0.415	0.530	0.579	0.492	12.13
64)	S	CS55	2,4,6-Tribrphe	0.088	0.078	0.079	0.072	0.087	0.086	0.082	7.60
65)	T	C625	4-Brphenphen e	0.158	0.140	0.140	0.128	0.161	0.175	0.150	11.30
66)	T	A626	Atrazine	0.145	0.142	0.137	0.127	0.174	0.202	0.155B	18.04B
								L	M= 0.115 R=0.993		
									B= 0.060		
67)	T	C630	Hexachlorobenz	0.166	0.149	0.148	0.133	0.174	0.194	0.161	13.77
68)	MC	C635	Pentachlorophe	0.122	0.107	0.113	0.104	0.114	0.098	0.110	7.61
69)	T	C647	Carbazole	0.580	0.504	0.472	0.434	0.668	0.884	0.590B	28.14B
								Q	A= -0.038 R=0.994		
									B= 0.528		
									C= 0.209		
70)	T	C640	Phenanthrene	0.973	0.836	0.847	0.753	1.009	1.124	0.924	14.74
71)	T	C645	Anthracene	0.998	0.866	0.858	0.763	1.028	1.129	0.940	14.31
72)	T	C650	Di-n-butylphth	1.165	0.995	1.004	0.878	1.209	1.349	1.100B	15.61B
								Q	A= -0.109 R=0.994		
									B= 1.299		
									C= 0.063		
73)	C	C655	Fluoranthene	1.077	0.907	0.916	0.822	1.074	1.218	1.002	14.55
74)	I	CI70	Chrysene-d12	----------ISTD----------							
75)	M	C715	Pyrene	1.159	1.021	1.072	1.005	1.177	1.271	1.117	9.23
76)	S	CS30	Terphenyl-d14	0.684	0.603	0.617	0.579	0.699	0.777	0.660	11.26
77)	T	C720	Butylbenzylpht	0.622	0.537	0.570	0.542	0.614	0.649	0.589	7.80
78)	T	C725	3,3'-Diclbenzi	0.220	0.197	0.190	0.156	0.244	0.261	0.211B	18.16B
								Q	A= -0.031 R=0.998		
									B= 0.281		
									C= -0.001		
79)	T	C730	Benzo(a)anthra	1.028	0.908	0.962	0.902	1.017	1.062	0.980	6.76
80)	T	C735	Chrysene	0.983	0.854	0.895	0.844	0.994	1.059	0.938	9.25
81)	T	C740	bis(2-Ethex)ph	0.730	0.628	0.607	0.527	0.800	0.885	0.696B	19.13B

020093

									Q	A= -0.080	R=0.995
										B= 0.826	
										C= 0.069	
82)	I	CI75	Perylene-d12	ISTD							
83)	C	C760	Di-n-octylphth	1.438	1.221	1.255	1.110	1.477	1.661	1.360	14.81
84)	T	C765	Bzo(b)fluorant	1.101	0.957	1.061	1.012	1.071	1.191	1.065	7.46
85)	T	C770	Bzo(k)fluorant	0.970	0.856	0.802	0.662	1.032	1.135	0.909B	18.71B
									Q	A= -0.143	R=0.998
										B= 1.235	
										C= -0.015	
86)	C	C775	Benzo(a)pyrene	0.988	0.879	0.908	0.840	0.989	1.044	0.941	8.26
87)	T	C780	Indeno(123-cd)	1.015	0.912	0.952	0.872	0.946	0.962	0.943	5.12
88)	T	C785	Dibz(ah)anthra	0.803	0.713	0.742	0.685	0.783	0.818	0.758	6.96
89)	T	C790	Bzo(g,h,i)pery	0.955	0.846	0.878	0.809	0.837	0.815	0.857	6.31
										Total Average %RSD	8.74

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range (B) = Before Regression

B060107.M Sat Jun 02 13:33:53 2007

020094

Form 5

GCMS Instrument Performance Check (TUNE)

DFTPP

Data File : C:\DATAB\060407\0604B00.D
Acq On : 4 Jun 2007 10:11
Sample : 534-31-PERF
Misc :
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 178 (8.03 min)
Average of 3 scans: 177,178,179 minus background scan 158 (7.92 min)

Vial: 1
Operator:
Inst : 5973N
Multiplr: 1.00

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	38.9	19669	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	38.9	19650	PASS
70	69	0	2	0.4	88	PASS
127	198	25	75	51.7	26123	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	50525	PASS
199	198	5	9	6.9	3479	PASS
275	198	10	30	21.3	10769	PASS
365	198	1	100	2.4	1215	PASS
441	443	0	100	74.0	8441	PASS
442	198	40	110	109.5	55315	PASS
443	442	15	24	20.6	11400	PASS

	File	Lab ID	Extra	Batch	DF	Date	Time
1	0604B01.D	534-54-STD			1	04-Jun-07	10:30
2	0604B02.D	534-53-API			1	04-Jun-07	11:01
3	0604B10.D	20523671\B	33.3	86475	1	04-Jun-07	14:47
4	0604B11.D	20523672\S	33.3	86475	1	04-Jun-07	15:15
5	0604B20.D	20523113	33.3	86475	1	04-Jun-07	19:27
6	0604B21.D	20523114	33.3	86475	1	04-Jun-07	19:54
7	0604B22.D	20523115	33.3	86475	1	04-Jun-07	20:21
8	0604B23.D	20523116	33.3	86475	1	04-Jun-07	20:49
9	0604B24.D	20523111	33.3	86475	1	04-Jun-07	21:18
10	0604B25.D	20523112	166.5	86475	5	04-Jun-07	21:47

020008

Comments:

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

			Compound		AvgRF	CCRF	%Dev	Area%
1	I	CI30	1,4-Diclbenzene-d4		1.000	1.000	0.0	196
2	T	C319	Pyridine		1.332	1.451	-9.0	203#
3	T	C310	N-Nitrosodimeamine		0.804	0.894	-11.3	206#
4	S	CS50	2-Fluorophenol	.6	1.345	1.450	-7.7	205#
5	T	A311	Benzaldehyde	.01	0.815	0.772	5.3	199
						% Drift = 9.51		
6	S	CS70	2-Chlorophenol-d4	.8	1.201	1.230	-2.5	189
7	T	C320	Aniline		1.546	1.288	16.7	153
8	T	C325	bis(2-Cleth)ether	.7	1.390	1.413	-1.7	182
9	S	CS45	Phenol-d5	.8	1.554	1.487	4.3	171
10	MC	C315	Phenol	.8	1.660	1.588	4.3 ✓	172
11	M	C330	2-Chlorophenol	.8	1.296	1.303	-0.5	183
12	T	C335	13-Dichlorobenzene	.6	1.304	1.384	-6.2	197
13	MC	C340	14-Dichlorobenzene	.5	1.302	1.365	-4.8 ✓	193
14	S	CS75	1,2-Diclbenzene-d4	.4	0.719	0.737	-2.6	186
15	T	C350	12-Dichlorobenzene	.4	1.230	1.265	-2.9	187
16	T	C345	Benzyl alcohol		0.925	0.849	8.3	167
17	T	C357	bis(2-Clipr) ether	.01	1.661	1.620	2.5	175
18	T	C355	2-Methylphenol	.7	1.276	1.223	4.1	173
19	T	A356	Acetophenone	.01	1.407	1.204	14.4	164
20	T	C375	Hexachloroethane	.3	0.470	0.497	-5.8	193
21	MP	C370	N-Nitrosodinpramin	.5	0.850	0.758 ✓	10.8	155
22	T	C365	3Mphenol/4Mphenol	.6	1.250	1.123	10.1	157
23	I	CI40	Naphthalene-d8		1.000	1.000	0.0	172
24	S	CS20	Nitrobenzene-d5	.2	0.293	0.306	-4.5	167
25	T	C410	Nitrobenzene	.2	0.274	0.286	-4.3	166
26	T	C415	Isophorone	.4	0.547	0.523	4.5	152
27	C	C420	2-Nitrophenol	.1	0.160	0.156	2.3 ✓	161
28	T	C425	2,4-Dimethylphenol	.2	0.279	0.281	-0.7	157
29	T	C435	bis(2-Clethox)meth	.3	0.367	0.368	-0.5	159
30	C	C440	2,4-Dichlorophenol	.2	0.238	0.237	0.1 ✓	157
31	T	C430	Benzoic acid		0.161	0.115	28.6 #	109
						% Drift = 27.41#		
32	M	C445	1,2,4-Triclbenzene	.2	0.237	0.251	-6.1	170
33	T	C450	Naphthalene	.7	0.816	0.857	-5.0	167
34	T	C455	4-Chloroaniline	.01	0.317	0.237	25.5 #	120
35	C	C460	Hexachlorobutadien	.01	0.111	0.120	-8.0 ✓	175
36	T	A461	Caprolactam	.01	0.111	0.088	21.0 #	145
37	MC	C465	4-Cl-3-mephenol	.2	0.265	0.243	8.3 ✓	143
38	T	C470	2Methylnaphthalene	.4	0.516	0.503	2.6	154
39	I	CI50	Acenaphthene-d10		1.000	1.000	0.0	140

020139

(#) = Out of Range

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%
40	P	C510 Hexaclcypentadiene	.01	0.200	0.239 ✓	-19.5	156
41	C	C515 2,4,6-Triclphenol	.2	0.277	0.293	-5.6	141
42	T	C520 2,4,5-Triclphenol	.2	0.297	0.303	-1.9	138
43	S	CS25 2-Fluorobiphenyl	.7	0.941	1.036	-10.1	148
44	T	A521 1,1'-Biphenyl	.01	1.097	1.108	-1.0	146
45	T	C525 2Chloronaphthalene	.8	0.899	0.976	-8.5	146
46	T	C530 2-Nitroaniline	.01	0.265	0.250	5.4	123
47	T	C540 Acenaphthylene	1.3	1.416	1.472	-3.9	138
48	T	C535 Dimethylphthalate	.01	1.115	1.083	2.8	129
49	T	C543 2,6-Dinitrotoluene	.2	0.256	0.239	6.8	123
50	MC	C550 Acenaphthene	.9	0.894	0.933 ✓	-4.3	140
					% Drift = 4.12 ✓		
51	T	C545 3-Nitroaniline	.01	0.235	0.122	48.2 #	72
52	P	C555 2,4-Dinitrophenol	.01	0.130	0.093 ✓	28.6 #	90
					% Drift = 28.51#		
53	T	C565 Dibenzofuran	.8	1.252	1.253	-0.1	131
54	M	C570 2,4-Dinitrotoluene	.2	0.344	0.303	11.9	114
55	MP	C560 4-Nitrophenol	.01	0.116	0.085 ✓	26.4 #	89
56	T	C590 Fluorene	.9	0.981	0.968	1.3	130
					% Drift = 3.96		
57	T	C585 4-Clphenphen ether	.4	0.482	0.478	0.7	130
					% Drift = 3.71		
58	T	C580 Diethylphthalate	.01	1.033	0.952	7.8	121
59	T	C595 4-Nitroaniline	.01	0.200	0.189	5.8	134
60	I	CI60 Phenanthrene-d10		1.000	1.000	0.0	114
61	T	D200 12Diphenylhydrazin		0.600	0.671	-12.0	120
62	T	C610 4,6-Din-2-mephenol	.01	0.126	0.122	3.0	104
63	C	C615 N-Nitrosodiphamine	.01	0.492	0.530	-7.8 ✓	118
64	S	CS55 2,4,6-Tribrphenol	.01	0.082	0.095	-15.8	123
65	T	C625 4-Brphenphen ether	.1	0.150	0.172	-14.3	125
66	T	A626 Atrazine	.01	0.155	0.112	27.5 #	88
					% Drift = 28.61#		
67	T	C630 Hexachlorobenzene	.1	0.161	0.181	-12.8	125
68	MC	C635 Pentachlorophenol	.05	0.110	0.122	-11.1 ✓	115
69	T	C647 Carbazole	.01	0.590	0.568	3.8	112
					% Drift = 2.89		
70	T	C640 Phenanthrene	.7	0.924	0.990	-7.2	116
71	T	C645 Anthracene	.7	0.940	0.994	-5.7	114
72	T	C650 Di-n-butylphthalat	.01	1.100	1.076	2.2	106
					% Drift = 4.01		
73	C	C655 Fluoranthene	.6	1.002	0.987	1.5 ✓	105
74	I	CI70 Chrysene-d12		1.000	1.000	0.0	121

(#) = Out of Range

020140

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%
75	M	C715 Pyrene	.6	1.117	1.012	9.4	106
76	S	CS30 Terphenyl-d14	.5	0.660	0.591	10.3	105
77	T	C720 Butylbenzylphthal	.01	0.589	0.534	9.3	104
78	T	C725 3,3'-Diclbenzidine	.01	0.211	0.209	1.2	115
					% Drift = 5.84		
79	T	C730 Benzo(a)anthracene	.8	0.980	1.010	-3.0	119
80	T	C735 Chrysene	.7	0.938	0.979	-4.3	121
81	T	C740 bis(2-Ethex)phthal	.01	0.696	0.673	3.4	112
					% Drift = 5.49		
82	I	CI75 Perylene-d12		1.000	1.000	0.0	148
83	C	C760 Di-n-octylphthalat	.01	1.360	1.209	11.1 ✓	124
84	T	C765 Bzo(b)fluoranthene	.7	1.065	1.077	-1.0	144
85	T	C770 Bzo(k)fluoranthene	.7	0.909	0.879	3.3	134
					% Drift = 9.17		
86	C	C775 Benzo(a)pyrene	.7	0.941	0.979	-4.0 ✓	146
87	T	C780 Indeno(123-cd)pyre	.5	0.943	1.111	-17.8	162
88	T	C785 Dibz(ah)anthracene	.4	0.758	0.858	-13.3	158
89	T	C790 Bzo(g,h,i)perylene	.5	0.857	1.062	-24.0#	164

020141

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Mon Jun 04 13:58:56 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B02.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
1	I	CI30 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	150
2		D220 2-Picoline	1.382	1.195	13.6	127
3		D225 Nitrosomethylethylamine	0.600	0.583	2.8	142
4		D230 Methyl methanesulfonate	0.840	0.786	6.5	140
5		D235 N-Nitrosodiethylamine	0.618	0.391	36.7 #	96
6		D240 Ethyl methanesulfonate	0.992	1.067	-7.6	157
7		D245 Pentachloroethane	0.555	0.489	11.8	136
8		D250 N-Nitrosopyrrolidine	0.501	0.530	-5.8	153
9		D260 N-Nitrosomorpholine	0.702	0.536	23.7	117
10		D265 o-Toluidine	1.629	1.776	-9.0	168
11	I	CI40 Naphthalene-d8	1.000	1.000	0.0	205#
12		D270 N-Nitrosopiperidine	0.261	0.142	45.5 #	111
13		D290 a,a-Dimethylphenethylami	0.610	0.685	-12.3	198
				% Drift = 2.61		
14		D275 2,6-Dichlorophenol	0.248	0.268	-7.9	214#
15		D280 Hexachloropropene	0.227	0.147	35.1 #	134
16		D285 N-Nitrosodi-n-butylamine	0.218	0.166	23.8	157
17		D410 p-Phenylenediamine	0.219	0.084	61.5 #	67
				% Drift = 61.39#		
18		D295 Safrole	0.244	0.254	-4.0	211#
19	I	CI50 Acenaphthene-d10	1.000	1.000	0.0	264#
20		D305 1,2,4,5 Tetrachlorobenze	0.616	0.422	31.4 #	185
21		D300 Isosafrole	0.500	0.460	8.0	242#
22		D315 1,4-Naphthoquinone	0.352	0.497	-41.5#	348#
23		D315 m-Dinitrobenzene	0.197	0.177	10.3	226#
24		D320 Pentachlorobenzene	0.423	0.374	11.7	233#
25		D325 1-Naphthylamine	0.932	0.246	73.6 #	68
26		D330 2-Naphthylamine	0.764	0.115	84.9 #	38#
27		C321 2,3,4,6-Tetrachloropheno	0.300	0.238	20.7	204#
28		D335 5-Nitro-o-toluidine	1.591	1.210	24.0	200
29	I	CI60 Phenanthrene-d10	1.000	1.000	0.0	338#
30		D340 1,3,5-Trinitrobenzene	0.335	0.185	44.7 #	172
31		D345 Phenacetin	0.460	0.450	2.2	311#
32		D350 4-Aminobiphenyl	0.764	0.288	62.2 #	127
33		D355 Pentachloronitrobenzene	0.120	0.063	47.0 #	172
34		D360 Pronamide	0.380	0.305	19.8	259#
35		D365 2- sec butyl 4,6-dinitro	0.231	0.129	44.1 #	192
36		D370 4-Nitroquinoline 1-oxide	0.094	0.098	-3.7	295#
				% Drift = 12.78		
37		D375 Methapyrilene	0.439	0.106	75.9 #	81

(#) = Out of Range

020146

Continuing Calibration Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Mon Jun 04 13:58:56 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B02.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev		Area%
38	I	CI70 Chrysene-d12	1.000	1.000	0.0		268#
39		D380 Aramite	0.120	0.057	53.0	#	116
40		D385 p-Dimethylaminoazobenzen	0.377	0.303	19.6		208#
41		D390 3,3'-Dimethylbenzidine	0.703	0.066	90.6	#	23#
42		D391 Kepone	0.049	0.024	51.6	#	156
43		D395 2-Acetylaminofluorene	0.533	0.345	35.2	#	180
44	I	CI75 Perylene-d12	1.000	1.000	0.0		384#
45		D400 7,12Dimethlbenz(a)anthra	0.865	0.525	39.3	#	212#
46		Hexachlorophene	0.087	0.024	72.1	#	93
				% Drift = 68.83#			
47		D405 3-Methylcholanthrene	0.621	0.565	9.0		331#

020147

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**JULY 20, 2007**
FROM:	**MATTHEW D. KRAUS**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – METALS & MISCELLANEOUS**
NAS KEY WEST – CTO 044
SDG – F49565

SAMPLES: 6/Solid/

S1-SD-14-00-0507	S1-SD-15-00-0507	S1-SD-16-00-0507
S1-SD-17-00-0507	S1-SD-18-00-0507	S1-SD-19-00-0507

4/Aqueous/

S1-SW-16-00-0507	S1-SW-17-00-0507	S1-SW-18-00-0507
S1-SW-19-00-0507		

Overview

The sample set for NAS Key West, CTO 044, SDG F49565, consists of six sediment and four surface water environmental samples.

All samples were analyzed for target analyst list (TAL) metals plus tin. Additionally, the sediment samples were analyzed for percent solids while the surface water samples were analyzed for chloride, color, pH, and total dissolved solids (TDS). The samples were collected by Tetra Tech NUS on May 15, 2007 and analyzed by Accutest Laboratories. Metal, mercury, and chloride analyses were conducted via SW846 methods 6010B, 7471, and 9056, respectively. Color and TDS analyses were conducted via EPA methods 110.2 and 160.1, respectively.

Metals, mercury, and chloride analyses were conducted using Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES), Cold Vapor Atomic Absorption (CVAA), and Ion Chromatography (IC) methodologies, respectively. Color analyses were conducted using spectrometric methodologies.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
• Initial and Continuing Calibration Recoveries
• Laboratory Method/Preparation Blank Analyses
* • Detection Limits

* - All quality control criteria were met for this parameter.

Initial and Continuing Calibration Recoveries

The continuing calibration verification (CCV) percent recovery (%R) for thallium was greater than the upper quality control limit for CCV 17 run on 05/22/07 at 02:21 affecting all aqueous samples. Positive results reported for thallium from aqueous samples were qualified as estimated, "J".

The sodium result reported for sample S1-SW-16-00-0507 was qualified as estimated, "J", due to an instrument calibration range exceedance.

Laboratory Method/Preparation Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks for the aqueous matrix at the following maximum concentrations:

Analyte	Maximum Concentration	Aqueous Action Level (µg/L)
Aluminum [1]	46.5 µg/L	232
Beryllium	1.60 µg/L	8.00
Chromium	0.65 µg/L	3.25
Copper	0.90 µg/L	4.50
Iron [1]	18.2 µg/L	91.0
Magnesium	8.00 µg/L	40.0
Potassium	34.1 µg/L	170
Selenium [1]	2.20 µg/L	11.0

[1] Maximum concentration present in a laboratory method blank affecting all aqueous samples.

An action level of five times the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for the above analytes were qualified "U" as a result of laboratory blank contamination. Aluminum, chromium, copper and iron were qualified due to blank contamination in the aqueous matrix.

The following contaminants were detected in the laboratory method/preparation blanks for the solid matrix at the following maximum concentrations:

Analyte	Maximum Concentration	Solid Action Level (mg/kg)
Aluminum	64.4 µg/L	16.2
Antimony	7.60 µg/L	1.90
Beryllium	1.80 µg/L	0.45
Iron [2]	1.20 mg/kg	6.00
Lead	39.5 µg/L	9.88
Magnesium	10.2 µg/L	2.55
Potassium [2]	2.10 mg/kg	10.5
Selenium [2]	0.42 mg/kg	2.10
Tin [2]	0.20 mg/kg	1.00
Thallium	4.70 µg/L	1.18
Vanadium [2]	0.045 mg/kg	0.22

[2] Maximum concentration present in a laboratory method blank affecting all solid samples.

An action level of five times the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for the above analytes were qualified "U" as a result of laboratory blank contamination. Antimony, beryllium, lead, selenium, and tin were qualified due to blank contamination in the solid matrix.

Notes

All positive and non-detected results (with exception to those results qualified due to laboratory blank contamination) reported for samples S1-SD-17-00-0507 and S1-SD-18-00-0507 were qualified as estimated, "J" or "UJ", respectively, due to the percent solids being less than 30% for those samples.

The CCV17 and CCV18 %Rs for beryllium run at 02:21 and 03:02 on 05/22/07, respectively, were greater than the upper quality control limit affecting all aqueous samples. No aqueous beryllium results were qualified because all of those results were reported as non-detected.

Originally, the concentration of the continuing calibration chloride standard was reported incorrectly by the laboratory on the Instrument QC Summary form for chloride. The incorrect concentration reported for the chloride standard resulted in incorrect percent recovery values. The laboratory was contacted and later provided a corrected Instrument QC Summary form for chloride.

The reporting limits for thallium were elevated in all soil samples except S1-SD-14-00-0507 due to the negative bias (signal drift) of the method blank. All affected thallium results were reported as non-detected.

The reporting limit for thallium was elevated in sample S1-SD-14-00-0507 due to matrix interference and that result was reported as non-detected.

Executive Summary

Laboratory Performance: Aluminum, antimony, beryllium, chromium, iron, lead, selenium, and tin were qualified due to laboratory blank contamination. Thallium was qualified due to calibration noncompliance. Sodium was qualified due to an instrument calibration range noncompliance.

Other Factors Affecting Data Quality: Results reported for samples S1-SD-17-00-0507 and S1-SD-18-00-0507 were qualified because the percent solid results for those samples were less than 30%.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Data Review", October 2004, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Environmental Chemist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-14-00-0507	nsample	S1-SD-15-00-0507	nsample	S1-SD-16-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-1	lab_id	F49565-2	lab_id	F49565-3
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	78.1	Pct_Solids	68.7	Pct_Solids	41.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	9790		
ANTIMONY	91.5		
ARSENIC	10.7		
BARIUM	100		
BERYLLIUM	0.38	U	A
CADMIUM	13.4		
CALCIUM	266000		
CHROMIUM	52.5		
COBALT	5.5		
COPPER	967		
IRON	26800		
LEAD	9160		
MAGNESIUM	12500		
MANGANESE	374		
MERCURY	10.7		
NICKEL	65.9		
POTASSIUM	1500		
SELENIUM	0.13	U	
SILVER	58		
SODIUM	10800		
THALLIUM	6	U	
TIN	77.4		
VANADIUM	6.5		
ZINC	1440		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2610		
ANTIMONY	2.6	U	A
ARSENIC	0.63		
BARIUM	58.2		
BERYLLIUM	0.3	U	A
CADMIUM	3.2		
CALCIUM	189000		
CHROMIUM	9.2		
COBALT	0.97		
COPPER	66.8		
IRON	1950		
LEAD	108		
MAGNESIUM	8350		
MANGANESE	36.4		
MERCURY	0.11		
NICKEL	4.6		
POTASSIUM	700		
SELENIUM	0.15	U	
SILVER	0.5		
SODIUM	2830		
THALLIUM	0.68	U	
TIN	1.8		
VANADIUM	5		
ZINC	733		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1280		
ANTIMONY	0.62	U	
ARSENIC	2.2		
BARIUM	3.5		
BERYLLIUM	0.21	U	A
CADMIUM	0.12	U	
CALCIUM	24000		
CHROMIUM	5.2		
COBALT	0.12	U	
COPPER	9.9		
IRON	588		
LEAD	18.5	U	A
MAGNESIUM	6800		
MANGANESE	2.3		
MERCURY	0.045		
NICKEL	2.4		
POTASSIUM	1910		
SELENIUM	1	U	A
SILVER	0.11	U	
SODIUM	22300		
THALLIUM	1.1	U	
TIN	3.3		
VANADIUM	12.4		
ZINC	14.9		

PROJ_NO: 00486

SDG: F49565 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-17-00-0507	nsample	S1-SD-18-00-0507	nsample	S1-SD-19-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-4	lab_id	F49565-5	lab_id	F49565-6
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	29.4	Pct_Solids	25.6	Pct_Solids	44.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1140	J	Y
ANTIMONY	0.9	UJ	Y
ARSENIC	2.1	J	Y
BARIUM	2.5	J	Y
BERYLLIUM	0.43	U	A
CADMIUM	0.17	UJ	Y
CALCIUM	9460	J	Y
CHROMIUM	9.2	J	Y
COBALT	0.17	UJ	Y
COPPER	34.6	J	Y
IRON	1210	J	Y
LEAD	32.3	U	A
MAGNESIUM	9290	J	Y
MANGANESE	2.5	J	Y
MERCURY	0.11	J	Y
NICKEL	3.3	J	Y
POTASSIUM	2670	J	Y
SELENIUM	1.6	U	A
SILVER	0.15	UJ	Y
SODIUM	32700	J	Y
THALLIUM	1.6	UJ	Y
TIN	5.8	J	Y
VANADIUM	18.4	J	Y
ZINC	45.3	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1240	J	Y
ANTIMONY	0.99	UJ	Y
ARSENIC	7.7	J	Y
BARIUM	7	J	Y
BERYLLIUM	0.38	U	A
CADMIUM	0.42	J	Y
CALCIUM	25200	J	Y
CHROMIUM	5	J	Y
COBALT	0.19	UJ	Y
COPPER	18.9	J	Y
IRON	646	J	Y
LEAD	12	U	A
MAGNESIUM	8820	J	Y
MANGANESE	3	J	Y
MERCURY	0.062	J	Y
NICKEL	2.9	J	Y
POTASSIUM	3190	J	Y
SELENIUM	1.3	U	A
SILVER	0.17	UJ	Y
SODIUM	39800	J	Y
THALLIUM	1.7	UJ	Y
TIN	4	J	Y
VANADIUM	13.3	J	Y
ZINC	54.1	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1580		
ANTIMONY	0.59	U	
ARSENIC	1.4		
BARIUM	7.1		
BERYLLIUM	0.35	U	A
CADMIUM	0.52		
CALCIUM	221000		
CHROMIUM	4.9		
COBALT	0.12		
COPPER	33.2		
IRON	1230		
LEAD	19.1	U	A
MAGNESIUM	7010		
MANGANESE	6.2		
MERCURY	0.21		
NICKEL	3.7		
POTASSIUM	1920		
SELENIUM	0.22	U	
SILVER	0.1	U	
SODIUM	26600		
THALLIUM	1	U	
TIN	2.7		
VANADIUM	3.4		
ZINC	75.4		

PROJ_NO: 00486

SDG: F49565 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-16-00-0507	nsample	S1-SW-17-00-0507	nsample	S1-SW-18-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-7	lab_id	F49565-8	lab_id	F49565-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	23.2	U	A
ANTIMONY	3.4	U	
ARSENIC	4.7		
BARIUM	9.5		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	389000		
CHROMIUM	0.64	U	A
COBALT	1	U	
COPPER	1	U	
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	1370000		
MANGANESE	2.9		
MERCURY	0.1	U	
NICKEL	1	U	
POTASSIUM	724000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	10400000	J	L
THALLIUM	3.7	J	C
TIN	3.8	U	
VANADIUM	2.9		
ZINC	3.6		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	505		
ANTIMONY	3.4	U	
ARSENIC	8.2		
BARIUM	11.4		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	399000		
CHROMIUM	3.8		
COBALT	1	U	
COPPER	15.8		
IRON	187		
LEAD	5.5		
MAGNESIUM	1360000		
MANGANESE	8.5		
MERCURY	0.1	U	
NICKEL	1.9		
POTASSIUM	725000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	8780000		
THALLIUM	2.9	U	
TIN	3.8	U	
VANADIUM	5.2		
ZINC	25.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	18.7	U	A
ANTIMONY	3.4	U	
ARSENIC	2.8		
BARIUM	10.4		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	396000		
CHROMIUM	0.6	U	
COBALT	1	U	
COPPER	1.4	U	A
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	1360000		
MANGANESE	4.8		
MERCURY	0.1	U	
NICKEL	2.3		
POTASSIUM	725000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	8970000		
THALLIUM	3.3	J	C
TIN	3.8	U	
VANADIUM	3.4		
ZINC	3.8		

PROJ_NO: 00486

SDG: F49565 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-19-00-0507
samp_date	5/15/2007
lab_id	F49565-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	94.1	U	A
ANTIMONY	3.4	U	
ARSENIC	3.9		
BARIUM	12.2		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	330000		
CHROMIUM	1.1	U	A
COBALT	1	U	
COPPER	20.2		
IRON	83.6	U	A
LEAD	1.7		
MAGNESIUM	1050000		
MANGANESE	14.3		
MERCURY	0.1	U	
NICKEL	4		
POTASSIUM	542000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	7440000		
THALLIUM	2.9	U	
TIN	3.9		
VANADIUM	3.7		
ZINC	29.1		

PROJ_NO: 00486

SDG: F49565 MEDIA: WATER DATA FRACTION: MISC

nsample	S1-SW-16-00-0507	nsample	S1-SW-17-00-0507	nsample	S1-SW-18-00-0507
samp_date	5/15/2007	samp_date	5/15/2007	samp_date	5/15/2007
lab_id	F49565-7	lab_id	F49565-8	lab_id	F49565-9
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	22700		
COLOR	CU	60		
PH	S.U.	6.9		
TOTAL DISSOLVED SOLIDS	MG/L	41700		

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	22900		
COLOR	CU	100		
PH	S.U.	6.8		
TOTAL DISSOLVED SOLIDS	MG/L	39100		

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	23900		
COLOR	CU	70		
PH	S.U.	7.1		
TOTAL DISSOLVED SOLIDS	MG/L	38300		

PROJ_NO: 00486

SDG: F49565 MEDIA: WATER DATA FRACTION: MISC

nsample	S1-SW-19-00-0507
samp_date	5/15/2007
lab_id	F49565-10
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	20900		
COLOR	CU	150		
PH	S.U.	7		
TOTAL DISSOLVED SOLIDS	MG/L	74600		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-14-00-0507		
Lab Sample ID:	F49565-1	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	78.1
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9790	13	1.4	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	91.5	3.8	0.34	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	10.7	0.51	0.25	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	100	13	0.32	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.38	0.32	0.064	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	13.4	0.26	0.064	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	266000	32000	360	mg/kg	100	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	52.5	0.64	0.058	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	5.5	3.2	0.064	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	967	8.0	0.29	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Iron	26800	6.4	0.77	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	9160	640	13	mg/kg	100	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Magnesium	12500	320	0.47	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	374	4.8	0.19	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Mercury	10.7	3.1	0.25	mg/kg	30	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	65.9	2.6	0.064	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	1500	1300	13	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.13 U	6.4	0.13	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	58.0	3.2	0.29	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Sodium	10800	3200	260	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [b]	6.0 U	13	6.0	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	77.4	3.2	0.20	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	6.5	3.2	0.038	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	1440	130	8.3	mg/kg	100	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-15-00-0507		
Lab Sample ID:	F49565-2	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	68.7
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2610	15	1.6	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	2.6 I	4.4	0.39	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	0.63	0.58	0.28	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	58.2	15	0.36	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.30 I	0.36	0.073	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	3.2	0.29	0.073	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	189000	3600	41	mg/kg	10	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	9.2	0.73	0.066	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.97 I	3.6	0.073	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	66.8	1.8	0.066	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	1950	7.3	0.87	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	108	7.3	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	8350	360	0.54	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	36.4	1.1	0.044	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.11	0.11	0.0091	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	4.6	2.9	0.073	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	700 I	1500	15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.15 U	7.3	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.50 I	0.73	0.066	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium [a]	2830	1500	120	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Thallium [b]	0.68 U	2.9	0.68	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	1.8 I	3.6	0.23	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	5.0	3.6	0.044	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	733	15	0.95	mg/kg	10	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	S1-SD-16-00-0507		
Lab Sample ID:	F49565-3	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	41.8
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1280	23	2.6	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.62 U	7.0	0.62	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	2.2	0.94	0.46	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	3.5 I	23	0.59	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.21 I	0.59	0.12	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.12 U	0.47	0.12	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	24000	590	6.7	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Chromium	5.2	1.2	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.12 U	5.9	0.12	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	9.9	2.9	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	588	12	1.4	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	18.5	12	0.23	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	6800	590	0.87	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	2.3	1.8	0.070	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.045 I	0.19	0.015	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	2.4 I	4.7	0.12	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	1910 I	2400	24	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	1.0 I	12	0.23	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.11 U	1.2	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	22300	5900	480	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [b]	1.1 U	4.8	1.1	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	3.3 I	5.9	0.36	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	12.4	5.9	0.070	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	14.9	2.3	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	S1-SD-17-00-0507		
Lab Sample ID:	F49565-4	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	29.4
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1140	34	3.7	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.90 U	10	0.90	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	2.1	1.4	0.66	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	2.5 I	34	0.85	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.43 I	0.85	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.17 U	0.68	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	9460	850	9.7	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Chromium	9.2	1.7	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.17 U	8.5	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	34.6	4.3	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	1210	17	2.0	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	32.3	17	0.34	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	9290	850	1.3	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	2.5 I	2.6	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.11 I	0.28	0.023	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	3.3 I	6.8	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	2670 I	3400	34	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	1.6 I	17	0.34	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.15 U	1.7	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	32700	8500	700	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [b]	1.6 U	6.8	1.6	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	5.8 I	8.5	0.53	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	18.4	8.5	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	45.3	3.4	0.22	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-18-00-0507		
Lab Sample ID:	F49565-5	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	25.6
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1240	37	4.1	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.99 U	11	0.99	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	7.7	1.5	0.73	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	7.0 I	37	0.93	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.38 I	0.93	0.19	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.42 I	0.74	0.19	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	25200	930	11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Chromium	5.0	1.9	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.19 U	9.3	0.19	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	18.9	4.7	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	646	19	2.2	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	12.0 I	19	0.37	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	8820	930	1.4	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	3.0	2.8	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.062 I	0.29	0.023	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	2.9 I	7.4	0.19	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	3190 I	3800	38	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	1.3 I	19	0.37	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.17 U	1.9	0.17	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	39800	9300	770	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [b]	1.7 U	7.6	1.7	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	4.0 I	9.3	0.58	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	13.3	9.3	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	54.1	3.7	0.24	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-19-00-0507		
Lab Sample ID:	F49565-6	Date Sampled:	05/15/07
Matrix:	SO - Soil	Date Received:	05/16/07
		Percent Solids:	44.2
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1580	22	2.5	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.59 U	6.7	0.59	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	1.4	0.90	0.44	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	7.1 I	22	0.56	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium	0.35 I	0.56	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.52	0.45	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	221000	2800	32	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	4.9	1.1	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.12 I	5.6	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	33.2	2.8	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	1230	11	1.3	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	19.1	11	0.22	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	7010	560	0.83	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	6.2	1.7	0.067	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.21	0.17	0.014	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	3.7 I	4.5	0.11	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [a]	1920 I	2200	22	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.22 U	11	0.22	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.10 U	1.1	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	26600	5600	460	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [b]	1.0 U	4.4	1.0	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	2.7 I	5.6	0.35	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	3.4 I	5.6	0.067	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	75.4	2.2	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12055

(a) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(b) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-16-00-0507		
Lab Sample ID:	F49565-7	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	23.2 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	4.7 I	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	9.5 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	389000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	0.64 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	1.0 U	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1370000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	2.9 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.0 U	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	724000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium [a]	10400000 E	100000	50000	ug/l	100	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	3.7 I	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	2.9 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	3.6 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

(a) Above linear range.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-16-00-0507		
Lab Sample ID:	F49565-7	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	22700	200	100	mg/l	100	05/31/07 19:39	MP	EPA 300/SW846 9056
Color, Apparent	60	5	5	CU	1	05/16/07 14:15	LE	EPA 110.2
Solids, Total Dissolved	41700	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	6.9			su	1	05/16/07 15:00	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-17-00-0507		
Lab Sample ID:	F49565-8	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	505	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	8.2 I	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	11.4 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	399000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	3.8 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	15.8 I	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	187 I	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	5.5	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1360000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	8.5 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.9 I	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	725000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium	8780000	2000000	100000	ug/l	200	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	2.9 U	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	5.2 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	25.9	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-18-00-0507		
Lab Sample ID:	F49565-9	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	18.7 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	2.8 I	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	10.4 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	396000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	0.60 U	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	1.4 I	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1360000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	4.8 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	2.3 I	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	725000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium	8970000	2000000	100000	ug/l	200	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	3.3 I	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	3.4 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	3.8 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-19-00-0507		
Lab Sample ID:	F49565-10	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	94.1 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	3.9 I	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	12.2 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	330000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	1.1 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	20.2 I	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	83.6 I	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 I	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1050000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	14.3 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	4.0 I	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	542000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium	7440000	100000	50000	ug/l	100	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	2.9 U	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.9 I	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	3.7 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	29.1	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	S1-SW-17-00-0507		
Lab Sample ID:	F49565-8	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	22900	200	100	mg/l	100	05/31/07 19:58	MP	EPA 300/SW846 9056
Color, Apparent	100	10	10	CU	2	05/16/07 14:15	LE	EPA 110.2
Solids, Total Dissolved	39100	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	6.8			su	1	05/16/07 15:00	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	S1-SW-18-00-0507		
Lab Sample ID:	F49565-9	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	23900	200	100	mg/l	100	05/31/07 20:16	MP	EPA 300/SW846 9056
Color, Apparent	70	10	10	CU	2	05/16/07 14:15	LE	EPA 110.2
Solids, Total Dissolved	38300	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.1			su	1	05/16/07 15:00	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-19-00-0507		
Lab Sample ID:	F49565-10	Date Sampled:	05/15/07
Matrix:	AQ - Surface Water	Date Received:	05/16/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	20900	200	100	mg/l	100	05/31/07 20:34	MP	EPA 300/SW846 9056
Color, Apparent	150	25	25	CU	5	05/16/07 14:15	LE	EPA 110.2
Solids, Total Dissolved	74600	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.0			su	1	05/16/07 15:00	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

APPENDIX C
SUPPORT DOCUMENTATION

HOLDTIME

SDG F49565

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	MG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	MG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	MG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	MG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	MG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	UG/L	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	UG/L	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	UG/L	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
HG	UG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
M	MG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9
M	MG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9
M	MG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9
M	MG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9
M	MG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/23/2007	5/23/2007	8	0	8
M	MG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/23/2007	5/24/2007	8	1	9
M	UG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/22/2007	5/24/2007	7	2	9
M	UG/L	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/22/2007	5/23/2007	7	1	8
M	UG/L	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/22/2007	5/24/2007	7	2	9
M	UG/L	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/22/2007	5/24/2007	7	2	9
M	UG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/22/2007	5/23/2007	7	1	8
M	UG/L	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/22/2007	5/23/2007	7	1	8
M	UG/L	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/22/2007	5/24/2007	7	2	9
M	UG/L	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/22/2007	5/23/2007	7	1	8
CL	MG/L	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/30/2007	5/31/2007	15	1	16
CL	MG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/30/2007	5/31/2007	15	1	16
CL	MG/L	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/30/2007	5/31/2007	15	1	16

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
CL	MG/L	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/30/2007	5/31/2007	15	1	16
COLOR	CU	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
COLOR	CU	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
COLOR	CU	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
COLOR	CU	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
PCS	%	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PCS	%	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PCS	%	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PCS	%	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PCS	%	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PCS	%	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/21/2007	5/21/2007	6	0	6
PH	SU	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
PH	SU	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
PH	SU	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
PH	SU	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/16/2007	5/16/2007	1	0	1
TDS	MG/L	S1-SW-19-00-0507	F49565-10	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
TDS	MG/L	S1-SW-16-00-0507	F49565-7	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
TDS	MG/L	S1-SW-17-00-0507	F49565-8	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TDS	MG/L	S1-SW-18-00-0507	F49565-9	NM	5/15/2007	5/18/2007	5/18/2007	3	0	3
PEST	%	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	%	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-15-00-0507	F49565-2	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-19-00-0507	F49565-6	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-18-00-0507	F49565-5	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-16-00-0507	F49565-3	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-14-00-0507	F49565-1	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15
PEST	UG/KG	S1-SD-17-00-0507	F49565-4	NM	5/15/2007	5/25/2007	5/30/2007	10	5	15

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER F49565 | PAGE 1 OF 1

PROJECT NO: 112G00846	SITE NAME: NAS KEY WEST
PROJECT MANAGER AND PHONE NUMBER: CHUCK BRYAN	LABORATORY NAME AND CONTACT: JEAN SMITH - ACCUTEST
SAMPLERS (SIGNATURE): Gary Bragan	FIELD OPERATIONS LEADER AND PHONE NUMBER: GARY BRAGAN2A
ADDRESS: 4405 VINELAND ROAD	CARRIER/WAYBILL NUMBER: FED EX / 839756080 2253
CITY, STATE: ORLANDO, FL 32811	STANDARD TAT ☑ RUSH TAT ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

	DATE YEAR 2007	TIME	SAMPLE ID	MATRIX	GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: SVOC's	PESTICIDES	TAL METALS + TIN	ARSENIC	IRON	CL, COLOR, pH, TDS	COMMENTS
1	5/6	11:40	S1-SD-14-00-0507	S	G	1			X	X	X	X			
2		12:20	S1-SD-15-00-0507	S		1			X	X	X	X			
3		15:05	S1-SD-16-00-0507	S		1			X	X	X	X			
4		14:45	S1-SD-17-00-0507	S		1			X	X	X	X			
5		14:20	S1-SD-18-00-0507	S		1			X	X	X	X			
6		13:10	S1-SD-19-00-0507	S		1			X	X	X	X			
7		15:05	S1-SW-16-00-0507	W		3					X		X	X	
8		14:45	S1-SW-17-00-0507	W		3					X		X	X	
9		14:20	S1-SW-18-00-0507	W		3					X		X	X	
10	↓	13:10	S1-SW-19-00-0507	W	↓	3					X		X	X	

1. RELINQUISHED BY: Gary Bragan	DATE 5/6/07	TIME	1. RECEIVED BY: FX	DATE	TIME
2. RELINQUISHED BY: FX	DATE	TIME	2. RECEIVED BY: Jorge Corzo	DATE 5-16-07	TIME 9:00
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

3.4

3/99 FORM NO. TtNUS-001

4.1 4

F49565: Chain of Custody
Page 1 of 4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F49565 CLIENT: tetra tech PROJECT: 112G00846

DATE/TIME RECEIVED: 5-16-07 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.4

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8375 6080 2253

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [v] TRIP BLANK NOT PROVIDED
- [√] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE JMC 5-16-07 TECHNICIAN SIGNATURE/DATE VC 5-16-07 ASBD 10/03/06

4.1 4

F49565: Chain of Custody
Page 2 of 4

Accutest Laboratories

Sample Summary

Tetra Tech NUS

Job No: F49565

NAS Key West, Key West, FL
Project No: 112G00846

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F49565-1	05/15/07	11:40 GB	05/16/07	SO	Soil	S1-SD-14-00-0507
F49565-2	05/15/07	12:20 GB	05/16/07	SO	Soil	S1-SD-15-00-0507
F49565-3	05/15/07	15:05 GB	05/16/07	SO	Soil	S1-SD-16-00-0507
F49565-4	05/15/07	14:45 GB	05/16/07	SO	Soil	S1-SD-17-00-0507
F49565-5	05/15/07	14:20 GB	05/16/07	SO	Soil	S1-SD-18-00-0507
F49565-6	05/15/07	13:10 GB	05/16/07	SO	Soil	S1-SD-19-00-0507
F49565-7	05/15/07	15:05 GB	05/16/07	AQ	Surface Water	S1-SW-16-00-0507
F49565-8	05/15/07	14:45 GB	05/16/07	AQ	Surface Water	S1-SW-17-00-0507
F49565-9	05/15/07	14:20 GB	05/16/07	AQ	Surface Water	S1-SW-18-00-0507
F49565-10	05/15/07	13:40 GB	05/16/07	AQ	Surface Water	S1-SW-19-00-0507

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra Tech NUS **Job No:** F49565

Site: NAS Key West, Key West, FL **Report Date:** 6/7/2007 10:47:39 AM

10 Samples were collected on 05/15/2007 and were received at Accutest on 05/16/2007 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of F49565. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GC by Method SW846 8081A

Matrix: SO **Batch ID:** OP20749

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F49521-1MS, F49521-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recoverys for 4,4'-DDE, Aldrin, Endosulfan sulfate, Methoxychlor are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Duplicate Recoverys for 4,4'-DDD, Aldrin are outside control limits. Probable cause: due to matrix interference.

Samples F49565-1, F49565-2, F49565-6, F49565-1, F49565-3, F49565-4, F49565-5 have surrogates outside control limits. Probable cause: due to matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6: Dilution required due to matrix interference.

F49565-1: All hits confirmed by dual column analysis.

F49565-2, F49565-6: All hits confirmed by dual column analysis. Dilution required due to matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Decachlorobiphenyl, Tetrachloro-m-xylene: Outside control limits due to dilution.

Metals by Method SW846 6010B

Matrix: AQ **Batch ID:** MP12052

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8DUP, F49607-8MS, F49607-8MSD, F49607-8SDL were used as the QC samples for metals.

Sample F49565-7 has compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Matrix Spike Recoverys for Aluminum, Copper, Silver, Thallium, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Duplicate Recoverys for Aluminum, Copper, Silver, Thallium, Zinc are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Recoverys for Calcium, Magnesium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Aluminum, Antimony, Arsenic, Chromium, Nickel, Thallium, Tin, Zinc are outside control limits for sample MP12052-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Aluminum, Arsenic, Tin, Vanadium, Calcium, Magnesium, Potassium, Sodium are outside control limits for sample MP12052-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP12052-SD1 for Calcium, Magnesium, Potassium, Sodium: Serial dilution indicates possible matrix interference.

F49565-7 for Sodium: Above linear range.

Metals by Method SW846 6010B

Matrix: SO **Batch ID:** MP12055

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49565-1DUP, F49565-1MS, F49565-1MSD, F49565-1SDL were used as the QC samples for metals.

Matrix Spike Recoverys for Antimony, Arsenic, Nickel, Potassium, Selenium, Thallium, Tin are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Duplicate Recoverys for Antimony, Nickel, Potassium, Thallium are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Recoverys for Aluminum, Cadmium, Calcium, Copper, Iron, Lead, Magnesium, Manganese, Silver, Sodium, Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Antimony, Arsenic, Cadmium, Copper, Iron, Lead, Manganese, Nickel, Cobalt are outside control limits for sample MP12055-D1. High RPD due to possible sample nonhomogeneity.

MP12055-D1 for Cobalt: RPD acceptable due to low duplicate and sample concentrations.

RPDs for MSD for Lead, Manganese, Silver, Tin are outside control limits for sample MP12055-S2. High RPD due to possible sample nonhomogeneity.

RPDs for Serial Dilution for Beryllium, Calcium, Potassium, Sodium, Vanadium, Zinc are outside control limits for sample MP12055-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP12055-SD1 for Calcium, Potassium, Sodium, Vanadium, Zinc: Serial dilution indicates possible matrix interference.

F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Potassium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

F49565-1 for Thallium: Elevated reporting limits due to matrix interference.

F49565-2, F49565-3, F49565-4, F49565-5, F49565-6 for Thallium: Elevated RL/MDL due to negative bias of Method Blank.

F49565-2 for Sodium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

Metals by Method SW846 7470A

Matrix: AQ **Batch ID:** MP12018

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8MS, F49607-8SDL, F49607-8DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12018-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD for Serial Dilution for Mercury is outside control limits for sample MP12018-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals by Method SW846 7471A

Matrix: SO **Batch ID:** MP12015

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-5MS, F49607-5MSD, F49607-5SDL, F49607-5DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12015-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry by Method EPA 110.2

Matrix: AQ **Batch ID:** GN25493

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49565-7DUP was used as the QC sample for Color, Apparent.

Wet Chemistry by Method EPA 160.1

Matrix: AQ **Batch ID:** GN25531

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49607-8DUP was used as the QC sample for Solids, Total Dissolved.

Wet Chemistry by Method EPA 160.3 M

Matrix: SO **Batch ID:** GN25551

Sample F49549-5DUP was used as the QC sample for Solids, Percent.

Wet Chemistry by Method EPA 300/SW846 9056

Matrix: AQ **Batch ID:** GP9414

All samples were prepped within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49756-3DUP, F49756-3MS were used as the QC samples for Chloride.

Matrix Spike Recovery for Chloride is outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Ellen Pampel, Inorganic QA (signature on file)

Date: June 7, 2007

Thursday, June 07, 2007

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12015
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/18/07

Metal	RL	IDL	MB raw	final
Mercury	0.083	.0067	-0.0068	<0.083

Associated samples MP12015: F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12018
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 05/18/07

Metal	RL	IDL	MB raw	final
Mercury	1.0	.08	-0.0050	<1.0

Associated samples MP12018: F49565-7, F49565-8, F49565-9, F49565-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: result < RL

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	11:02 ICB1 raw	final	11:08 CCB1 raw	final	11:30 CCB2 raw	final	11:56 CCB3 raw	final
Mercury	1.0	.08	0.0090	<1.0	-0.026	<1.0	-0.014	<1.0	-0.091	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.1

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA5722 Units: ug/l

Time:			12:18		12:40		13:02		13:12	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	1.0	.08	0.039	<1.0	-0.042	<1.0	-0.064	<1.0	0.043	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA5722 Units: ug/l

Time:		11:01			11:06			11:28	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3	3.1	103.3	3	3.2	106.7

(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time:		11:54			12:16			12:38	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.1	103.3	3	3.1	103.3	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA5722 Units: ug/l

Time:		13:00			13:11	
Sample ID:	CCV	CCV6		CCV	CCV7	
Metal	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: 95 to 105 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time:		10:59	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Mercury	6	5.9	98.3

(*) Outside of QC limits
(anr) Analyte not requested

7.1.3

7

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: 80 to 120 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time:			11:05		13:09	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.20	100.0	0.14	70.0*(a)

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

7.1.4

7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:49	MA5722-STD1	1		STD01REP1
10:50	MA5722-STD2	1		STD02REP1
10:52	MA5722-STD3	1		STD03REP1
10:54	MA5722-STD4	1		STD04REP1
10:55	MA5722-STD5	1		STD05REP1
10:57	MA5722-STD6	1		STD06REP1
10:59	MA5722-HSTD1	1		
11:01	MA5722-ICV1	1		
11:02	MA5722-ICB1	1		
11:05	MA5722-CRI1	1		
11:06	MA5722-CCV1	1		
11:08	MA5722-CCB1	1		
11:10	MP12014-MB1	1		
11:12	MP12014-B1	1		
11:14	F49620-22	1		(sample used for QC only; not part of login F49565)
11:16	MP12014-SD1	5		
11:17	MP12014-D1	1		
11:19	MP12014-S1	1		
11:21	MP12014-S2	1		
11:23	ZZZZZZ	1		
11:25	ZZZZZZ	1		
11:27	ZZZZZZ	1		
11:28	MA5722-CCV2	1		
11:30	MA5722-CCB2	1		
11:33	ZZZZZZ	1		
11:35	ZZZZZZ	1		
11:37	ZZZZZZ	1		
11:39	ZZZZZZ	1		
11:41	ZZZZZZ	1		
11:46	ZZZZZZ	1		
11:47	ZZZZZZ	1		
11:49	ZZZZZZ	1		
11:51	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:53	ZZZZZZ	1		
11:54	MA5722-CCV3	1		
11:56	MA5722-CCB3	1		
11:58	ZZZZZZ	1		
12:00	ZZZZZZ	1		
12:02	ZZZZZZ	1		
12:04	ZZZZZZ	1		
12:06	ZZZZZZ	1		
12:07	ZZZZZZ	1		
12:10	MP12015-MB1	1		
12:11	MP12015-B1	1		
12:13	F49607-5	1		(sample used for QC only; not part of login F49565)
12:15	MP12015-SD1	5		
12:16	MA5722-CCV4	1		
12:18	MA5722-CCB4	1		
12:20	MP12015-D1	1		
12:22	MP12015-S1	1		
12:23	MP12015-S2	1		
12:26	ZZZZZZ	1		
12:27	ZZZZZZ	1		
12:29	ZZZZZZ	1		
12:31	ZZZZZZ	1		
12:33	ZZZZZZ	1		
12:34	ZZZZZZ	1		
12:36	ZZZZZZ	1		
12:38	MA5722-CCV5	1		
12:40	MA5722-CCB5	1		
12:44	F49565-2	1		
12:46	F49565-3	1		
12:48	F49565-4	1		
12:49	F49565-5	1		
12:51	F49565-6	1		
12:53	ZZZZZZ	1		

7.1
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
Analyst: MS Run ID: MA5722
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:55	ZZZZZZ	1		
12:56	ZZZZZZ	1		
12:58	ZZZZZZ	1		
13:00	MA5722-CCV6	1		
13:02	MA5722-CCB6	1		
13:03	ZZZZZZ	1		
13:05	ZZZZZZ	1		
13:07	F49565-1	30		
---------->	Last reportable sample/prep for job F49565			
13:09	MA5722-CRI2	1		
13:11	MA5722-CCV7	1		
13:12	MA5722-CCB7	1		
---------->	Last reportable CCB for job F49565			

Refer to raw data for calibration curve and standards.

7.1
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
QC Limits: result < RL

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	14:20 ICB1 raw	final	14:26 CCB1 raw	final	14:49 CCB2 raw	final	15:12 CCB3 raw	final
Mercury	1.0	.08	-0.022	<1.0	0.044	<1.0	0.049	<1.0	-0.0080	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.2.1

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA5723 Units: ug/l

Time:			15:37		15:59		16:22	
Sample ID:			CCB4		CCB5		CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Mercury	1.0	.08	-0.022	<1.0	-0.0010	<1.0	0.0010	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.2.1

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA5723 Units: ug/l

Time:		14:18			14:23			14:47	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	2.8	93.3	3.0	3.0	100.0	3	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A
Units: ug/l

Time:		15:10			15:35			15:57	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3	2.9	96.7	3	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA5723 Units: ug/l

Time:		16:20	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Mercury	3	2.9	96.7

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2
7

HIGH STANDARD CHECK SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
QC Limits: 95 to 105 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A
Units: ug/l

	Time:		14:16	
	Sample ID:	HSTD	HSTD1	
Metal		True	Results	% Rec
Mercury		6	5.7	95.0

(*) Outside of QC limits
(anr) Analyte not requested

7.2.3

7

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
QC Limits: 80 to 120 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A
Units: ug/l

Time:			14:22		16:18	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Mercury	0.20		0.18	90.0	0.19	95.0

(*) Outside of QC limits
(anr) Analyte not requested

7.2.4

7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:03	MA5723-STD1	1		STD01REP1
14:05	MA5723-STD2	1		STD02REP1
14:07	MA5723-STD3	1		STD03REP1
14:09	MA5723-STD4	1		STD04REP1
14:11	MA5723-STD5	1		STD05REP1
14:13	MA5723-STD6	1		STD06REP1
14:16	MA5723-HSTD1	1		
14:18	MA5723-ICV1	1		
14:20	MA5723-ICB1	1		
14:22	MA5723-CRI1	1		
14:23	MA5723-CCV1	1		
14:26	MA5723-CCB1	1		
14:27	MP12016-MB1	1		
14:29	MP12016-B1	1		
14:31	F49460-1A	1		(sample used for QC only; not part of login F49565)
14:33	MP12016-SD1	5		
14:35	MP12016-D1	1		
14:37	MP12016-S1	1		
14:39	ZZZZZZ	1		
14:41	ZZZZZZ	1		
14:43	ZZZZZZ	1		
14:45	ZZZZZZ	1		
14:47	MA5723-CCV2	1		
14:49	MA5723-CCB2	1		
14:51	MP12016-D2	1		
14:53	MP12016-MB2	1		
14:54	MP12016-B2	1		
14:56	MP12017-MB1	1		
14:58	MP12017-B1	1		
15:00	F49499-1	1		(sample used for QC only; not part of login F49565)
15:02	MP12017-SD1	5		
15:04	MP12017-D1	1		
15:06	MP12017-S1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:08	MP12017-S2	1		
15:10	MA5723-CCV3	1		
15:12	MA5723-CCB3	1		
15:15	ZZZZZZ	1		
15:17	ZZZZZZ	1		
15:20	ZZZZZZ	1		
15:22	ZZZZZZ	1		
15:23	ZZZZZZ	1		
15:26	ZZZZZZ	1		
15:27	ZZZZZZ	1		
15:30	ZZZZZZ	1		
15:31	ZZZZZZ	1		
15:33	ZZZZZZ	1		
15:35	MA5723-CCV4	1		
15:37	MA5723-CCB4	1		
15:39	ZZZZZZ	1		
15:41	ZZZZZZ	1		
15:43	MP12018-MB1	1		
15:45	MP12018-B1	1		
15:47	F49607-8	1		(sample used for QC only; not part of login F49565)
15:48	MP12018-SD1	5		
15:50	MP12018-D1	1		
15:52	MP12018-S1	1		
15:54	F49565-7	1		
15:55	F49565-8	1		
15:57	MA5723-CCV5	1		
15:59	MA5723-CCB5	1		
16:00	F49565-9	1		
16:02	F49565-10	1		
---------->	Last reportable sample/prep for job F49565			
16:04	ZZZZZZ	1		
16:06	ZZZZZZ	1		
16:08	ZZZZZZ	1		
16:10	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:12	MP12016-MB3	1		
16:14	MP12016-B3	1		
16:16	ZZZZZZ	1		
16:18	MA5723-CRI2	1		
16:20	MA5723-CCV6	1		
16:22	MA5723-CCB6	1		

----------> Last reportable CCB for job F49565
Refer to raw data for calibration curve and standards.

7.2
7

Instrument Detection Limits

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: LEEMANHG2 Effective Date: 05/04/06

Analyte	IDL ug/l
Mercury	.08

The above applies to the following instrument runs:
MA5722,MA5723

Soil Blank Qualification Worksheet

MAXIMUM BLANK CONTAMINATION = ICB / CCB

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Al	S1-SD-14-00-0507	64.6	1	0.05	1	78.1	20.68	9790		
	S1-SD-16-00-0507	64.6	1.02	0.05	1	41.8	37.88	1280		
	S1-SD-17-00-0507	64.6	1	0.05	1	29.4	54.93	1140		
	S1-SD-18-00-0507	64.6	1.05	0.05	1	25.6	60.08	1240		
	S1-SD-19-00-0507	64.6	1.01	0.05	1	44.2	36.18	1580		
	S1-SD-15-00-0507	64.6	1	0.05	1	68.7	23.51	2610		

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Sb	S1-SD-14-00-0507	7.6	1	0.05	1	78.1	2.43	91.5		
	S1-SD-16-00-0507	7.6	1.02	0.05	1	41.8	4.46	0.62	U	
	S1-SD-17-00-0507	7.6	1	0.05	1	29.4	6.46	0.9	U	
	S1-SD-18-00-0507	7.6	1.05	0.05	1	25.6	7.07	0.99	U	
	S1-SD-19-00-0507	7.6	1.01	0.05	1	44.2	4.26	0.59	U	
	S1-SD-15-00-0507	7.6	1	0.05	1	68.7	2.77	2.6	I	B

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Be	S1-SD-16-00-0507	1.8	1.02	0.05	1	41.8	1.06	0.21	I	B
	S1-SD-17-00-0507	1.8	1	0.05	1	29.4	1.53	0.43	I	B
	S1-SD-18-00-0507	1.8	1.05	0.05	1	25.6	1.67	0.38	I	B
	S1-SD-19-00-0507	1.8	1.01	0.05	1	44.2	1.01	0.35	I	B
	S1-SD-14-00-0507	1.8	1	0.05	1	78.1	0.58	0.38		B
	S1-SD-15-00-0507	1.8	1	0.05	1	68.7	0.66	0.3	I	B

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Pb	S1-SD-16-00-0507	39.5	1.02	0.05	1	41.8	23.16	18.5		B
	S1-SD-17-00-0507	39.5	1	0.05	1	29.4	33.59	32.3		B
	S1-SD-18-00-0507	39.5	1.05	0.05	1	25.6	36.74	12	I	B
	S1-SD-19-00-0507	39.5	1.01	0.05	1	44.2	22.12	19.1		B
	S1-SD-14-00-0507	39.5	1	0.05	100	78.1	1264.40	9160		
	S1-SD-15-00-0507	39.5	1	0.05	1	68.7	14.37	108		

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Mg	S1-SD-16-00-0507	10.2	1.02	0.05	1	41.8	5.98	6800		
	S1-SD-17-00-0507	10.2	1	0.05	1	29.4	8.67	9290		
	S1-SD-18-00-0507	10.2	1.05	0.05	1	25.6	9.49	8820		
	S1-SD-19-00-0507	10.2	1.01	0.05	1	44.2	5.71	7010		
	S1-SD-14-00-0507	10.2	1	0.05	1	78.1	3.27	12500		
	S1-SD-15-00-0507	10.2	1	0.05	1	68.7	3.71	8350		

Analyte	Sample	Maximum (ug/L)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Tl	S1-SD-16-00-0507	4.7	1.02	0.05	1	41.8	2.76	1.1	U	
	S1-SD-17-00-0507	4.7	1	0.05	1	29.4	4.00	1.6	U	
	S1-SD-18-00-0507	4.7	1.05	0.05	1	25.6	4.37	1.7	U	
	S1-SD-19-00-0507	4.7	1.01	0.05	1	44.2	2.63	1	U	
	S1-SD-14-00-0507	4.7	1	0.05	1	78.1	1.50	6	U	
	S1-SD-15-00-0507	4.7	1	0.05	1	68.7	1.71	0.68	U	

MAXIMUM BLANK CONTAMINATION = PREP BLANK

Analyte	Sample	Maximum (mg/kg)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Fe	S1-SD-16-00-0507	1.2	1.02	0.05	1	41.8	14.35	588		
	S1-SD-17-00-0507	1.2	1	0.05	1	29.4	20.41	1210		
	S1-SD-18-00-0507	1.2	1.05	0.05	1	25.6	23.44	646		
	S1-SD-19-00-0507	1.2	1.01	0.05	1	44.2	13.57	1230		
	S1-SD-14-00-0507	1.2	1	0.05	1	78.1	7.68	26800		
	S1-SD-15-00-0507	1.2	1	0.05	1	68.7	8.73	1950		

Soil Blank Qualification Worksheet

Analyte	Sample	Maximum (mg/kg)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
K	S1-SD-16-00-0507	2.1	1.02	0.05	1	41.8	25.12	1910		
	S1-SD-17-00-0507	2.1	1	0.05	1	29.4	35.71	2670		
	S1-SD-18-00-0507	2.1	1.05	0.05	1	25.6	41.02	3190		
	S1-SD-19-00-0507	2.1	1.01	0.05	1	44.2	23.76	1920		
	S1-SD-14-00-0507	2.1	1	0.05	1	78.1	13.44	1500		
	S1-SD-15-00-0507	2.1	1	0.05	1	68.7	15.28	700		

Analyte	Sample	Maximum (mg/kg)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Se	S1-SD-16-00-0507	0.42	1.02	0.05	1	41.8	5.02	1	I	B
	S1-SD-17-00-0507	0.42	1	0.05	1	29.4	7.14	1.6	I	B
	S1-SD-18-00-0507	0.42	1.05	0.05	1	25.6	8.20	1.3	I	B
	S1-SD-19-00-0507	0.42	1.01	0.05	1	44.2	4.75	0.22	U	
	S1-SD-14-00-0507	0.42	1	0.05	1	78.1	2.69	0.13	U	
	S1-SD-15-00-0507	0.42	1	0.05	1	68.7	3.06	0.15	U	

Analyte	Sample	Maximum (mg/kg)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
Sn	S1-SD-16-00-0507	0.2	1.02	0.05	1	41.8	2.39	3.3	I	
	S1-SD-17-00-0507	0.2	1	0.05	1	29.4	3.40	5.8	I	
	S1-SD-18-00-0507	0.2	1.05	0.05	1	25.6	3.91	4	I	
	S1-SD-19-00-0507	0.2	1.01	0.05	1	44.2	2.26	2.7	I	
	S1-SD-14-00-0507	0.2	1	0.05	1	78.1	1.28	77.4		
	S1-SD-15-00-0507	0.2	1	0.05	1	68.7	1.46	1.8	I	

Analyte	Sample	Maximum (mg/kg)	Initial (g)	Final (L)	Dilution Factor	% Solids	AL (mg/Kg)	Sample Result (mg/Kg)	Previous Qual	Blank Qual
V	S1-SD-16-00-0507	0.045	1.02	0.05	1	41.8	0.54	12.4		
	S1-SD-17-00-0507	0.045	1	0.05	1	29.4	0.77	18.4		
	S1-SD-18-00-0507	0.045	1.05	0.05	1	25.6	0.88	13.3		
	S1-SD-19-00-0507	0.045	1.01	0.05	1	44.2	0.51	3.4	I	
	S1-SD-14-00-0507	0.045	1	0.05	1	78.1	0.29	6.5		
	S1-SD-15-00-0507	0.045	1	0.05	1	68.7	0.33	5		

Prep Log: MP12055

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12055
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 05/23/07

Metal	RL	IDL	MB raw	final
Aluminum	9.7	.87	-0.53	<9.7
Antimony	2.9	.17	0.29	<2.9
Arsenic	0.39	.14	-0.092	<0.39
Barium	9.7	.24	0.011	<9.7
Beryllium	0.24	.049	0.033	<0.24
Cadmium	0.19	.049	0.00049	<0.19
Calcium	240	2	0.67	<240
Chromium	0.49	.029	-0.012	<0.49
Cobalt	2.4	.049	-0.075	<2.4
Copper	1.2	.044	-0.017	<1.2
Iron	4.9	.58	1.2	<4.9
Lead	4.9	.083	0.17	<4.9
Magnesium	240	.21	0.48	<240
Manganese	0.73	.029	0.011	<0.73
Molybdenum	2.4	.063		
Nickel	1.9	.049	0.020	<1.9
Potassium	980	.49	2.1	<980
Selenium	4.9	.097	0.42	<4.9
Silver	0.49	.044	-0.034	<0.49
Sodium	980	24	2.9	<980
Thallium	2.0	.11	-0.65	<2.0
Tin	2.4	.15	0.20	<2.4
Vanadium	2.4	.029	0.045	<2.4
Zinc	0.97	.063	-0.055	<0.97

Associated samples MP12055: F49565-1, F49565-2, F49565-3, F49565-4, F49565-5, F49565-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.9.1

7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12052
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 05/22/07

Metal	RL	IDL	MB raw	final
Aluminum	200	18	46.5	<200
Antimony	6.0	3.4	-3.2	<6.0
Arsenic	10	2.8	-3.7	<10
Barium	200	5	0.080	<200
Beryllium	4.0	1	0.080	<4.0
Cadmium	5.0	1	-0.60	<5.0
Calcium	1000	42	9.1	<1000
Chromium	10	.6	-0.22	<10
Cobalt	50	1	-0.74	<50
Copper	25	.9	-1.5	<25
Iron	300	12	18.2	<300
Lead	5.0	1.7	0.090	<5.0
Magnesium	5000	4.3	2.8	<5000
Manganese	15	.6	0.17	<15
Molybdenum	50	1.3		
Nickel	40	1	0.55	<40
Potassium	10000	10	1.5	<10000
Selenium	10	2	2.2	<10
Silver	10	.9	-0.31	<10
Sodium	10000	500	-130	<10000
Thallium	10	2.3	-5.7	<20
Tin	50	3.1	-2.6	<50
Vanadium	50	.6	0.48	<50
Zinc	20	1.3	-2.5	<20

Associated samples MP12052: F49565-7, F49565-8, F49565-9, F49565-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5734 Units: ug/l

Time:			11:24		12:10 X		12:50 X		13:24 X	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	-20	<200	3.2	<200	-6.3	<200	6.4	<200
Antimony	6.0	3.4	1.1	<12	1.7	<12	0.41	<12	2.5	<12
Arsenic	10	2.8	0.66	<10	-0.75	<10	1.4	<10	-0.82	<10
Barium	200	5	0.020	<200	0.040	<200	0.040	<200	0.080	<200
Beryllium	4.0	1	0.61	<4.0	-0.31	<4.0	0.13	<4.0	0.34	<4.0
Cadmium	5.0	1	-0.12	<5.0	-0.24	<5.0	-0.30	<5.0	-0.080	<5.0
Calcium	1000	42	-0.39	<1000	-0.10	<1000	0.0	<1000	0.19	<1000
Chromium	10	.6	0.40	<10	0.20	<10	0.18	<10	0.14	<10
Cobalt	50	1	0.17	<50	-0.25	<50	-0.54	<50	-0.22	<50
Copper	25	.9	0.88	<25	-0.070	<25	-0.13	<25	-0.40	<25
Iron	300	12	15.7	<300	12.8	<300	20.9	<300	12.0	<300
Lead	5.0	1.7	2.3	<5.0	1.2	<5.0	0.80	<5.0	1.9	<5.0
Magnesium	5000	4.3	1.7	<5000	6.2	<5000	4.9	<5000	6.7	<5000
Manganese	15	.6	-0.090	<15	-0.080	<15	-0.080	<15	-0.090	<15
Molybdenum	50	1.3								
Nickel	40	1	-0.20	<40	0.23	<40	0.020	<40	-0.72	<40
Potassium	10000	10	18.8	<20000	33.2	<20000	20.5	<20000	22.6	<20000
Selenium	10	2	0.54	<10	1.6	<10	2.3	<10	4.0	<10
Silver	10	.9	0.45	<10	0.090	<10	0.32	<10	0.36	<10
Sodium	10000	500	357	<20000	191	<20000	102	<20000	221	<20000
Thallium	10	2.3	4.7	<10	5.8	<10	3.3	<10	3.4	<10
Tin	50	3.1	3.9	<50	2.5	<50	2.1	<50	3.3	<50
Vanadium	50	.6	0.50	<50	0.24	<50	0.23	<50	0.62	<50
Zinc	20	1.3	-0.070	<20	-0.40	<20	-0.32	<20	-0.38	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5734 Units: ug/l

Time: / Sample ID:			14:11 CCB4 X		14:38 CCB5 X		15:36 CCB6 X		15:54 CCB7 X	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	14.2	<200	31.4	<200	-39	<200	-30	<200
Antimony	6.0	3.4	1.2	<12	0.10	<12	-1.1	<12	7.1	<12* (a)
Arsenic	10	2.8	-2.4	<10	-0.49	<10	-1.4	<10	-0.35	<10
Barium	200	5	0.080	<200	0.010	<200	0.11	<200	0.080	<200
Beryllium	4.0	1	1.5	<4.0	1.5	<4.0	1.1	<4.0	0.30	<4.0
Cadmium	5.0	1	-0.18	<5.0	-0.030	<5.0	-0.14	<5.0	-0.090	<5.0
Calcium	1000	42	-0.39	<1000	-4.4	<1000	-2.9	<1000	-0.78	<1000
Chromium	10	.6	0.14	<10	0.11	<10	-0.47	<10	0.38	<10
Cobalt	50	1	-0.18	<50	-0.32	<50	-0.77	<50	-0.18	<50
Copper	25	.9	-1.1	<25	-2.4	<25	-3.1	<25	-2.5	<25
Iron	300	12	13.3	<300	19.7	<300	24.8	<300	10.3	<300
Lead	5.0	1.7	0.23	<5.0	0.050	<5.0	1.5	<5.0	-0.090	<5.0
Magnesium	5000	4.3	5.7	<5000	5.5	<5000	1.4	<5000	4.7	<5000
Manganese	15	.6	-0.090	<15	-0.090	<15	-0.15	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	0.63	<40	-0.17	<40	-0.93	<40	-0.20	<40
Potassium	10000	10	28.2	<20000	11.9	<20000	54.8	<20000	34.2	<20000
Selenium	10	2	1.5	<10	0.030	<10	1.4	<10	2.0	<10
Silver	10	.9	0.30	<10	-0.21	<10	0.59	<10	0.60	<10
Sodium	10000	500	84.0	<20000	-280	<20000	-880	<20000	390	<20000
Thallium	10	2.3	4.0	<10	2.7	<10	6.3	<10	3.3	<10
Tin	50	3.1	2.1	<50	0.85	<50	3.2	<50	7.2	<50
Vanadium	50	.6	-0.030	<50	-0.030	<50	-0.43	<50	0.35	<50
Zinc	20	1.3	-0.55	<20	-1.1	<20	-2.9	<20	-3.0	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Sb reported in the area bracketed by this QC.

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID:			16:34 CCB8		17:29 CCB9		18:11 CCB10		18:51 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	-9.1	<200	-29	<200	-16	<200	-18	<200
Antimony	6.0	3.4	-0.090	<12	1.2	<12	5.7	<12	4.3	<12
Arsenic	10	2.8	-4.2	<10	-1.0	<10	-0.97	<10	-0.19	<10
Barium	200	5	0.050	<200	0.060	<200	0.030	<200	-0.11	<200
Beryllium	4.0	1	-0.28	<4.0	-0.060	<4.0	0.56	<4.0	0.88	<4.0
Cadmium	5.0	1	-0.31	<5.0	-0.31	<5.0	-0.26	<5.0	-0.24	<5.0
Calcium	1000	42	-3.5	<1000	12.0	<1000	10	<1000	12.7	<1000
Chromium	10	.6	-1.1	<10	0.21	<10	0.20	<10	0.26	<10
Cobalt	50	1	-0.92	<50	-0.080	<50	-0.090	<50	-0.45	<50
Copper	25	.9	-2.5	<25	-2.9	<25	-3.5	<25	-3.6	<25
Iron	300	12	20.6	<300	20.8	<300	10.1	<300	-6.9	<300
Lead	5.0	1.7	1.5	<5.0	1.9	<5.0	-0.58	<5.0	-0.38	<5.0
Magnesium	5000	4.3	-0.72	<5000	3.7	<5000	6.5	<5000	13.6	<5000
Manganese	15	.6	-0.25	<15	-0.12	<15	-0.19	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	-1.2	<40	-0.39	<40	0.16	<40	-0.020	<40
Potassium	10000	10	26.7	<20000	30.1	<20000	17.3	<20000	24.5	<20000
Selenium	10	2	0.15	<10	3.7	<10	0.45	<10	0.58	<10
Silver	10	.9	0.36	<10	-0.10	<10	0.23	<10	-0.70	<10
Sodium	10000	500	-1300	<20000	-28	<20000	93.3	<20000	-44	<20000
Thallium	10	2.3	0.31	<10	2.5	<10	4.8	<10	2.9	<10
Tin	50	3.1	1.4	<50	1.9	<50	2.6	<50	2.4	<50
Vanadium	50	.6	-0.52	<50	0.22	<50	0.21	<50	0.34	<50
Zinc	20	1.3	-2.9	<20	-3.3	<20	-3.6	<20	-2.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID:			19:32 CCB12		20:13 CCB13		20:53 CCB14		21:34 CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	-29	<200	10.2	<200	11.3	<200	54.8	<200
Antimony	6.0	3.4	6.6	<12* (a)	8.9	<12* (a)	5.6	<12	6.1	<12* (b)
Arsenic	10	2.8	-0.79	<10	-0.78	<10	0.39	<10	0.43	<10
Barium	200	5	0.030	<200	0.090	<200	0.080	<200	0.050	<200
Beryllium	4.0	1	0.80	<4.0	-0.21	<4.0	0.90	<4.0	1.1	<4.0
Cadmium	5.0	1	-0.47	<5.0	-0.22	<5.0	-0.32	<5.0	-0.33	<5.0
Calcium	1000	42	-3.5	<1000	-3.7	<1000	-5.7	<1000	-5.5	<1000
Chromium	10	.6	-0.16	<10	0.080	<10	-0.47	<10	0.29	<10
Cobalt	50	1	-0.020	<50	-0.26	<50	-0.68	<50	0.28	<50
Copper	25	.9	-3.1	<25	-3.2	<25	-3.8	<25	-4.6	<25
Iron	300	12	10.3	<300	16.8	<300	7.7	<300	13.2	<300
Lead	5.0	1.7	0.40	<5.0	0.20	<5.0	1.1	<5.0	-1.1	<5.0
Magnesium	5000	4.3	7.6	<5000	6.3	<5000	1.8	<5000	5.0	<5000
Manganese	15	.6	-0.13	<15	-0.12	<15	-0.13	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	-0.21	<40	-0.29	<40	6.8	<40	9.4	<40
Potassium	10000	10	24.9	<20000	37.1	<20000	19.7	<20000	22.1	<20000
Selenium	10	2	0.55	<10	0.79	<10	2.5	<10	1.9	<10
Silver	10	.9	0.13	<10	0.35	<10	0.23	<10	0.40	<10
Sodium	10000	500	74.5	<20000	282	<20000	-440	<20000	276	<20000
Thallium	10	2.3	2.0	<10	3.0	<10	2.5	<10	2.2	<10
Tin	50	3.1	2.6	<50	3.5	<50	0.81	<50	1.5	<50
Vanadium	50	.6	0.61	<50	0.63	<50	-0.34	<50	0.89	<50
Zinc	20	1.3	-2.5	<20	-2.7	<20	-3.0	<20	-2.8	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Sb reported in the area bracketed by this QC.
(b) Possible positive bias, but all sample results < DL.

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID:			22:15 CCB16		22:45 CCB17		23:06 CCB18		23:46 CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	69.3	<200	46.9	<200	64.6	<200	59.1	<200
Antimony	6.0	3.4	3.7	<12	5.6	<12	7.6	<12	7.2	<12
Arsenic	10	2.8	-1.3	<10	-2.1	<10	-1.3	<10	-3.1	<10
Barium	200	5	0.10	<200	0.090	<200	0.080	<200	0.060	<200
Beryllium	4.0	1	-0.060	<4.0	1.3	<4.0	1.4	<4.0	1.8	<4.0
Cadmium	5.0	1	-0.090	<5.0	-0.35	<5.0	-0.18	<5.0	-0.27	<5.0
Calcium	1000	42	-3.8	<1000	-0.87	<1000	-1.2	<1000	1.9	<1000
Chromium	10	.6	0.39	<10	0.30	<10	0.070	<10	0.15	<10
Cobalt	50	1	-0.10	<50	-0.080	<50	-0.26	<50	-0.59	<50
Copper	25	.9	-3.9	<25	-4.2	<25	-4.5	<25	-4.5	<25
Iron	300	12	15.2	<300	11.5	<300	12.7	<300	7.6	<300
Lead	5.0	1.7	0.94	<5.0	1.4	<5.0	1.4	<5.0	0.45	<5.0
Magnesium	5000	4.3	7.6	<5000	8.0	<5000	7.5	<5000	10.2	<5000
Manganese	15	.6	0.0	<15	-0.060	<15	-0.25	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	10.3	<40	0.0	<40	-0.46	<40	-0.64	<40
Potassium	10000	10	34.1	<20000	44.9	<20000	39.5	<20000	2.3	<20000
Selenium	10	2	1.4	<10	1.3	<10	2.0	<10	1.4	<10
Silver	10	.9	0.14	<10	0.41	<10	-0.010	<10	0.22	<10
Sodium	10000	500	249	<20000	283	<20000	121	<20000	45.0	<20000
Thallium	10	2.3	0.18	<10	3.2	<10	3.0	<10	1.2	<10
Tin	50	3.1	3.2	<50	3.1	<50	2.8	<50	2.9	<50
Vanadium	50	.6	0.22	<50	0.76	<50	0.50	<50	0.34	<50
Zinc	20	1.3	-2.9	<20	-2.6	<20	-2.5	<20	-2.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	00:27 CCB20 raw	final	00:48 CCB21 raw	final
Aluminum	200	18	67.0	<200	67.6	<200
Antimony	6.0	3.4	1.6	<12	2.9	<12
Arsenic	10	2.8	-0.050	<10	-0.99	<10
Barium	200	5	0.12	<200	0.080	<200
Beryllium	4.0	1	3.2	<8.0 (a)	3.4	<8.0 (a)
Cadmium	5.0	1	-0.25	<5.0	-0.32	<5.0
Calcium	1000	42	-0.10	<1000	10.1	<1000
Chromium	10	.6	-0.57	<10	-0.70	<10
Cobalt	50	1	-0.95	<50	-0.69	<50
Copper	25	.9	-5.4	<25	-6.0	<25
Iron	300	12	26.2	<300	18.3	<300
Lead	5.0	1.7	-0.22	<5.0	0.39	<5.0
Magnesium	5000	4.3	7.1	<5000	6.6	<5000
Manganese	15	.6	-0.070	<15	-0.25	<15
Molybdenum	50	1.3				
Nickel	40	1	-0.84	<40	-0.96	<40
Potassium	10000	10	36.1	<20000	33.9	<20000
Selenium	10	2	3.3	<10	1.2	<10
Silver	10	.9	0.35	<10	0.50	<10
Sodium	10000	500	-620	<20000	-750	<20000
Thallium	10	2.3	3.0	<10	4.3	<10
Tin	50	3.1	3.0	<50	4.1	<50
Vanadium	50	.6	-0.33	<50	-0.61	<50
Zinc	20	1.3	-2.4	<20	-3.2	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) Elevated RL/MDL due to instrument baseline drift.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time:		11:16			12:06			12:46	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	39000	97.5	40000	38300	95.8
Antimony	2000	2050	102.5	2000	2010	100.5	2000	1970	98.5
Arsenic	2000	1950	97.5	2000	1930	96.5	2000	1900	95.0
Barium	2000	2020	101.0	2000	2020	101.0	2000	1990	99.5
Beryllium	2000	2040	102.0	2000	2030	101.5	2000	2010	100.5
Cadmium	2000	2010	100.5	2000	2000	100.0	2000	1980	99.0
Calcium	40000	40900	102.3	40000	40200	100.5	40000	40100	100.3
Chromium	2000	1970	98.5	2000	1960	98.0	2000	1940	97.0
Cobalt	2000	1980	99.0	2000	1950	97.5	2000	1930	96.5
Copper	2000	1950	97.5	2000	1940	97.0	2000	1900	95.0
Iron	40000	41100	102.8	40000	40500	101.3	40000	40100	100.3
Lead	2000	1960	98.0	2000	1930	96.5	2000	1900	95.0
Magnesium	40000	39900	99.8	40000	39500	98.8	40000	38700	96.8
Manganese	2000	2000	100.0	2000	1970	98.5	2000	1950	97.5
Molybdenum									
Nickel	2000	1970	98.5	2000	1950	97.5	2000	1950	97.5
Potassium	40000	39200	98.0	40000	39400	98.5	40000	38400	96.0
Selenium	2000	1990	99.5	2000	1980	99.0	2000	1940	97.0
Silver	250	242	96.8	250	238	95.2	250	236	94.4
Sodium	40000	40000	100.0	40000	39500	98.8	40000	39100	97.8
Thallium	2000	2040	102.0	2000	2020	101.0	2000	1980	99.0
Tin	2000	1980	99.0	2000	1940	97.0	2000	1910	95.5
Vanadium	2000	1980	99.0	2000	1960	98.0	2000	1940	97.0
Zinc	2000	2030	101.5	2000	2010	100.5	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	CCV True	13:20 CCV3 Results	% Rec	CCV True	14:07 CCV4 Results	% Rec	CCV True	14:34 CCV5 Results	% Rec
Aluminum	40000	39100	97.8	40000	38400	96.0	40000	38800	97.0
Antimony	2000	1980	99.0	2000	1920	96.0	2000	1930	96.5
Arsenic	2000	1930	96.5	2000	1880	94.0	2000	1910	95.5
Barium	2000	2040	102.0	2000	2000	100.0	2000	2020	101.0
Beryllium	2000	2020	101.0	2000	1970	98.5	2000	2020	101.0
Cadmium	2000	1980	99.0	2000	1940	97.0	2000	2000	100.0
Calcium	40000	40000	100.0	40000	39100	97.8	40000	40000	100.0
Chromium	2000	1950	97.5	2000	1910	95.5	2000	1970	98.5
Cobalt	2000	1940	97.0	2000	1880	94.0	2000	1920	96.0
Copper	2000	1950	97.5	2000	1900	95.0	2000	1910	95.5
Iron	40000	40200	100.5	40000	38900	97.3	40000	39700	99.3
Lead	2000	1930	96.5	2000	1880	94.0	2000	1930	96.5
Magnesium	40000	39300	98.3	40000	38600	96.5	40000	39200	98.0
Manganese	2000	1950	97.5	2000	1890	94.5	2000	1930	96.5
Molybdenum									
Nickel	2000	1970	98.5	2000	1930	96.5	2000	1960	98.0
Potassium	40000	39400	98.5	40000	39000	97.5	40000	38800	97.0
Selenium	2000	1960	98.0	2000	1920	96.0	2000	1940	97.0
Silver	250	238	95.2	250	233	93.2	250	237	94.8
Sodium	40000	39400	98.5	40000	39300	98.3	40000	38200	95.5
Thallium	2000	1990	99.5	2000	1950	97.5	2000	2000	100.0
Tin	2000	1910	95.5	2000	1850	92.5	2000	1900	95.0
Vanadium	2000	1950	97.5	2000	1910	95.5	2000	1950	97.5
Zinc	2000	2000	100.0	2000	1960	98.0	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	CCV True	15:32 CCV6 Results	% Rec	CCV True	15:50 CCV7 Results	% Rec	CCV True	16:30 CCV8 Results	% Rec
Aluminum	40000	37800	94.5	40000	38700	96.8	40000	39400	98.5
Antimony	2000	1930	96.5	2000	2010	100.5	2000	2010	100.5
Arsenic	2000	1870	93.5	2000	1920	96.0	2000	1950	97.5
Barium	2000	2000	100.0	2000	2000	100.0	2000	2030	101.5
Beryllium	2000	1970	98.5	2000	2000	100.0	2000	2050	102.5
Cadmium	2000	1930	96.5	2000	1980	99.0	2000	2020	101.0
Calcium	40000	39300	98.3	40000	40300	100.8	40000	41200	103.0
Chromium	2000	1890	94.5	2000	1940	97.0	2000	1980	99.0
Cobalt	2000	1890	94.5	2000	1940	97.0	2000	1980	99.0
Copper	2000	1870	93.5	2000	1920	96.0	2000	1950	97.5
Iron	40000	39700	99.3	40000	40400	101.0	40000	41100	102.8
Lead	2000	1850	92.5	2000	1910	95.5	2000	1950	97.5
Magnesium	40000	38200	95.5	40000	39300	98.3	40000	40000	100.0
Manganese	2000	1910	95.5	2000	1960	98.0	2000	2000	100.0
Molybdenum									
Nickel	2000	1900	95.0	2000	1940	97.0	2000	1980	99.0
Potassium	40000	38200	95.5	40000	38700	96.8	40000	39500	98.8
Selenium	2000	1890	94.5	2000	1960	98.0	2000	1990	99.5
Silver	250	233	93.2	250	237	94.8	250	241	96.4
Sodium	40000	38300	95.8	40000	39400	98.5	40000	39500	98.8
Thallium	2000	1930	96.5	2000	2010	100.5	2000	2030	101.5
Tin	2000	1870	93.5	2000	1950	97.5	2000	1970	98.5
Vanadium	2000	1900	95.0	2000	1950	97.5	2000	1980	99.0
Zinc	2000	1950	97.5	2000	2000	100.0	2000	2040	102.0

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

ACCUTEST. Laboratories
F49565

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	CCV True	17:25 CCV9 Results	% Rec	CCV True	18:07 CCV10 Results	% Rec	CCV True	18:47 CCV11 Results	% Rec
Aluminum	40000	38400	96.0	40000	38500	96.3	40000	38100	95.3
Antimony	2000	1960	98.0	2000	1930	96.5	2000	1940	97.0
Arsenic	2000	1900	95.0	2000	1890	94.5	2000	1900	95.0
Barium	2000	1990	99.5	2000	2000	100.0	2000	1970	98.5
Beryllium	2000	2000	100.0	2000	1980	99.0	2000	2000	100.0
Cadmium	2000	1960	98.0	2000	1950	97.5	2000	1970	98.5
Calcium	40000	39900	99.8	40000	39800	99.5	40000	39800	99.5
Chromium	2000	1920	96.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1920	96.0	2000	1890	94.5	2000	1920	96.0
Copper	2000	1900	95.0	2000	1900	95.0	2000	1880	94.0
Iron	40000	40000	100.0	40000	39500	98.8	40000	39800	99.5
Lead	2000	1890	94.5	2000	1890	94.5	2000	1900	95.0
Magnesium	40000	38900	97.3	40000	38900	97.3	40000	39000	97.5
Manganese	2000	1940	97.0	2000	1910	95.5	2000	1930	96.5
Molybdenum									
Nickel	2000	1910	95.5	2000	1900	95.0	2000	1920	96.0
Potassium	40000	38700	96.8	40000	39100	97.8	40000	37900	94.8
Selenium	2000	1940	97.0	2000	1920	96.0	2000	1930	96.5
Silver	250	235	94.0	250	236	94.4	250	236	94.4
Sodium	40000	38900	97.3	40000	38900	97.3	40000	38900	97.3
Thallium	2000	1980	99.0	2000	1970	98.5	2000	1990	99.5
Tin	2000	1910	95.5	2000	1890	94.5	2000	1920	96.0
Vanadium	2000	1930	96.5	2000	1920	96.0	2000	1930	96.5
Zinc	2000	1970	98.5	2000	1970	98.5	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	19:28 CCV12 Results	% Rec	CCV True	20:09 CCV13 Results	% Rec	CCV True	20:49 CCV14 Results	% Rec
Aluminum	40000	38000	95.0	40000	37900	94.8	40000	38400	96.0
Antimony	2000	1940	97.0	2000	1920	96.0	2000	1920	96.0
Arsenic	2000	1890	94.5	2000	1880	94.0	2000	1900	95.0
Barium	2000	1970	98.5	2000	1980	99.0	2000	2000	100.0
Beryllium	2000	1990	99.5	2000	1980	99.0	2000	2000	100.0
Cadmium	2000	1950	97.5	2000	1940	97.0	2000	1960	98.0
Calcium	40000	39800	99.5	40000	39700	99.3	40000	40000	100.0
Chromium	2000	1920	96.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1910	95.5	2000	1890	94.5	2000	1900	95.0
Copper	2000	1880	94.0	2000	1870	93.5	2000	1900	95.0
Iron	40000	39700	99.3	40000	39400	98.5	40000	39600	99.0
Lead	2000	1880	94.0	2000	1870	93.5	2000	1890	94.5
Magnesium	40000	38800	97.0	40000	38700	96.8	40000	39100	97.8
Manganese	2000	1920	96.0	2000	1910	95.5	2000	1910	95.5
Molybdenum									
Nickel	2000	1900	95.0	2000	1890	94.5	2000	1910	95.5
Potassium	40000	38100	95.3	40000	38100	95.3	40000	38900	97.3
Selenium	2000	1930	96.5	2000	1910	95.5	2000	1930	96.5
Silver	250	235	94.0	250	235	94.0	250	237	94.8
Sodium	40000	38600	96.5	40000	38600	96.5	40000	39000	97.5
Thallium	2000	1980	99.0	2000	1970	98.5	2000	1990	99.5
Tin	2000	1910	95.5	2000	1890	94.5	2000	1890	94.5
Vanadium	2000	1920	96.0	2000	1910	95.5	2000	1930	96.5
Zinc	2000	1970	98.5	2000	1950	97.5	2000	1970	98.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	21:30 CCV15 Results	% Rec	CCV True	22:11 CCV16 Results	% Rec	CCV True	22:41 CCV17 Results	% Rec
Aluminum	40000	38500	96.3	40000	38000	95.0	40000	38200	95.5
Antimony	2000	1930	96.5	2000	1880	94.0	2000	1870	93.5
Arsenic	2000	1910	95.5	2000	1870	93.5	2000	1880	94.0
Barium	2000	2010	100.5	2000	1990	99.5	2000	1990	99.5
Beryllium	2000	2010	100.5	2000	1970	98.5	2000	1980	99.0
Cadmium	2000	1980	99.0	2000	1940	97.0	2000	1960	98.0
Calcium	40000	40400	101.0	40000	39600	99.0	40000	39800	99.5
Chromium	2000	1960	98.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1890	94.5	2000	1850	92.5	2000	1850	92.5
Copper	2000	1910	95.5	2000	1880	94.0	2000	1890	94.5
Iron	40000	39400	98.5	40000	38600	96.5	40000	38400	96.0
Lead	2000	1900	95.0	2000	1870	93.5	2000	1880	94.0
Magnesium	40000	39400	98.5	40000	38800	97.0	40000	39100	97.8
Manganese	2000	1910	95.5	2000	1870	93.5	2000	1860	93.0
Molybdenum									
Nickel	2000	1930	96.5	2000	1890	94.5	2000	1910	95.5
Potassium	40000	38800	97.0	40000	38600	96.5	40000	38800	97.0
Selenium	2000	1950	97.5	2000	1910	95.5	2000	1930	96.5
Silver	250	237	94.8	250	234	93.6	250	234	93.6
Sodium	40000	39400	98.5	40000	39000	97.5	40000	39400	98.5
Thallium	2000	2010	100.5	2000	1970	98.5	2000	2000	100.0
Tin	2000	1890	94.5	2000	1840	92.0	2000	1850	92.5
Vanadium	2000	1940	97.0	2000	1910	95.5	2000	1920	96.0
Zinc	2000	1990	99.5	2000	1950	97.5	2000	1960	98.0

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	CCV True	23:02 CCV18 Results	% Rec	CCV True	23:42 CCV19 Results	% Rec	CCV True	00:23 CCV20 Results	% Rec
Aluminum	40000	37900	94.8	40000	38400	96.0	40000	38800	97.0
Antimony	2000	1880	94.0	2000	1860	93.0	2000	1860	93.0
Arsenic	2000	1890	94.5	2000	1890	94.5	2000	1890	94.5
Barium	2000	1980	99.0	2000	1990	99.5	2000	2010	100.5
Beryllium	2000	1980	99.0	2000	1970	98.5	2000	1970	98.5
Cadmium	2000	1960	98.0	2000	1950	97.5	2000	1950	97.5
Calcium	40000	39600	99.0	40000	39000	97.5	40000	38900	97.3
Chromium	2000	1940	97.0	2000	1930	96.5	2000	1940	97.0
Cobalt	2000	1850	92.5	2000	1830	91.5	2000	1830	91.5
Copper	2000	1880	94.0	2000	1910	95.5	2000	1930	96.5
Iron	40000	38000	95.0	40000	37800	94.5	40000	37600	94.0
Lead	2000	1890	94.5	2000	1880	94.0	2000	1900	95.0
Magnesium	40000	39200	98.0	40000	39400	98.5	40000	39700	99.3
Manganese	2000	1850	92.5	2000	1840	92.0	2000	1830	91.5
Molybdenum									
Nickel	2000	1910	95.5	2000	1900	95.0	2000	1900	95.0
Potassium	40000	38500	96.3	40000	39200	98.0	40000	40000	100.0
Selenium	2000	1930	96.5	2000	1930	96.5	2000	1960	98.0
Silver	250	233	93.2	250	234	93.6	250	236	94.4
Sodium	40000	39200	98.0	40000	39500	98.8	40000	40200	100.5
Thallium	2000	2010	100.5	2000	1990	99.5	2000	2010	100.5
Tin	2000	1850	92.5	2000	1830	91.5	2000	1820	91.0
Vanadium	2000	1910	95.5	2000	1910	95.5	2000	1910	95.5
Zinc	2000	1960	98.0	2000	1960	98.0	2000	1970	98.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time:		00:44	
Sample ID:	CCV	CCV21	
Metal	True	Results	% Rec
Aluminum	40000	38200	95.5
Antimony	2000	1860	93.0
Arsenic	2000	1890	94.5
Barium	2000	2000	100.0
Beryllium	2000	1990	99.5
Cadmium	2000	1990	99.5
Calcium	40000	40300	100.8
Chromium	2000	1980	99.0
Cobalt	2000	1850	92.5
Copper	2000	1890	94.5
Iron	40000	38100	95.3
Lead	2000	1920	96.0
Magnesium	40000	39500	98.8
Manganese	2000	1860	93.0
Molybdenum			
Nickel	2000	1950	97.5
Potassium	40000	38900	97.3
Selenium	2000	1950	97.5
Silver	250	240	96.0
Sodium	40000	40700	101.8
Thallium	2000	2010	100.5
Tin	2000	1840	92.0
Vanadium	2000	1940	97.0
Zinc	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

HIGH STANDARD CHECK SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 95 to 105 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	HSTD True	11:13 HSTD1 Results	% Rec
Aluminum	80000	81300	101.6
Antimony	4000	3970	99.3
Arsenic	4000	3940	98.5
Barium	4000	3980	99.5
Beryllium	4000	3900	97.5
Cadmium	4000	3940	98.5
Calcium	80000	79400	99.3
Chromium	4000	3960	99.0
Cobalt	4000	3970	99.3
Copper	4000	4050	101.3
Iron	80000	79500	99.4
Lead	4000	4010	100.3
Magnesium	80000	80700	100.9
Manganese	4000	3950	98.8
Molybdenum			
Nickel	4000	3970	99.3
Potassium	80000	84300	105.4
Selenium	4000	3960	99.0
Silver	500	501	100.2
Sodium	80000	85900	107.4
Thallium	4000	3960	99.0
Tin	4000	3980	99.5
Vanadium	4000	3970	99.3
Zinc	4000	3890	97.3

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	CRI True	CRIA True	11:29 CRIA1 Results	% Rec	11:36 CRI1 Results	% Rec	22:49 CRIA2 Results	% Rec	22:52 CRI2 Results	% Rec
Aluminum	400	200	148	74.0			217	108.5		
Antimony	10	5.0			10.2	102.0			9.1	91.0
Arsenic	20	10	8.2	82.0			7.0	70.0		
Barium	400	200	201	100.5			203	101.5		
Beryllium	10	5.0	6.2	124.0			7.3	146.0*(a		
Cadmium	10	5.0	4.8	96.0			5.0	100.0		
Calcium	2000	1000	1000	100.0			1010	101.0		
Chromium	20	10	10.2	102.0			10.1	101.0		
Cobalt	100	50	49.7	99.4			47.9	95.8		
Copper	50	25	29.1	116.4			25.1	100.4		
Iron	600	300	318	106.0			322	107.3		
Lead	10	5.0	5.0	100.0			5.3	106.0		
Magnesium	10000	5000	4580	91.6			4670	93.4		
Manganese	30	15	15.1	100.7			14.7	98.0		
Molybdenum	100	50								
Nickel	80	40	39.6	99.0			39.4	98.5		
Potassium	20000	10000			15600	78.0			16300	81.5
Selenium	20	10	11.0	110.0			11.0	110.0		
Silver	20	10	9.2	92.0			9.5	95.0		
Sodium	20000	10000			14800	74.0			15700	78.5
Thallium	20	10	12.5	125.0			7.4	74.0		
Tin	100	50	54.7	109.4			51.7	103.4		
Vanadium	100	50	50.4	100.8			50.3	100.6		
Zinc	40	20	24.6	123.0			23.1	115.5		

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA5734 Units: ug/l

Time:			00:30		00:34	
Sample ID:	CRI	CRIA	CRIA3		CRI3	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	400	200	202	101.0		
Antimony	10	5.0			7.3	73.0
Arsenic	20	10	7.3	73.0		
Barium	400	200	198	99.0		
Beryllium	10	5.0	8.7	174.0*(a		
Cadmium	10	5.0	4.8	96.0		
Calcium	2000	1000	974	97.4		
Chromium	20	10	10.1	101.0		
Cobalt	100	50	46.5	93.0		
Copper	50	25	23.6	94.4		
Iron	600	300	296	98.7		
Lead	10	5.0	4.6	92.0		
Magnesium	10000	5000	4550	91.0		
Manganese	30	15	14.1	94.0		
Molybdenum	100	50				
Nickel	80	40	38.5	96.3		
Potassium	20000	10000			15700	78.5
Selenium	20	10	11.0	110.0		
Silver	20	10	8.9	89.0		
Sodium	20000	10000			15300	76.5
Thallium	20	10	10.2	102.0		
Tin	100	50	49.4	98.8		
Vanadium	100	50	48.9	97.8		
Zinc	40	20	22.0	110.0		

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

7.4.5

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	11:19 ICB1 raw	final	12:14 CCB1 raw	final	16:15 CCB2 raw	final	16:39 CCB3 raw	final
Aluminum	200	18	-32	<200	-23	<200	-16	<200	-36	<200
Antimony	6.0	3.4	-1.3	<6.0	0.0	<6.0	-0.62	<6.0	0.93	<6.0
Arsenic	10	2.8	1.4	<10	0.040	<10	0.15	<10	-0.84	<10
Barium	200	5	-0.010	<200	0.10	<200	0.080	<200	0.070	<200
Beryllium	4.0	1	1.6	<4.0	0.75	<4.0	-0.10	<4.0	0.78	<4.0
Cadmium	5.0	1	0.10	<5.0	0.060	<5.0	0.070	<5.0	0.070	<5.0
Calcium	1000	42	-0.77	<1000	4.6	<1000	5.6	<1000	6.1	<1000
Chromium	10	.6	-0.38	<10	0.38	<10	0.10	<10	0.20	<10
Cobalt	50	1	-0.090	<50	0.050	<50	0.31	<50	0.19	<50
Copper	25	.9	-0.19	<25	-0.070	<25	0.52	<25	0.30	<25
Iron	300	12	2.3	<300	6.2	<300	-0.010	<300	1.8	<300
Lead	5.0	1.7	0.0	<5.0	0.020	<5.0	-1.0	<5.0	0.99	<5.0
Magnesium	5000	4.3	1.1	<5000	4.8	<5000	5.1	<5000	6.8	<5000
Manganese	15	.6	-0.050	<15	0.20	<15	-0.040	<15	0.14	<15
Molybdenum	50	1.3								
Nickel	40	1	0.60	<40	1.4	<40	1.2	<40	0.63	<40
Potassium	10000	10	-4.7	<10000	4.5	<10000	1.8	<10000	3.0	<10000
Selenium	10	2	0.48	<10	0.71	<10	-0.45	<10	0.22	<10
Silver	10	.9	-0.15	<10	-0.22	<10	-0.19	<10	-0.060	<10
Sodium	10000	500	-120	<10000	114	<10000	-200	<10000	102	<10000
Thallium	10	2.3	0.32	<10	0.92	<10	1.5	<10	0.47	<10
Tin	50	3.1	-1.1	<50	-1.6	<50	-0.26	<50	-0.030	<50
Vanadium	50	.6	-0.27	<50	-0.13	<50	0.29	<50	-0.15	<50
Zinc	20	1.3	-0.36	<20	-0.34	<20	-0.28	<20	-0.24	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	17:37 CCB4 raw	final	18:17 CCB5 raw	final	18:58 CCB6 raw	final	19:39 CCB7 raw	final
Aluminum	200	18	-29	<200	20.9	<200	4.6	<200	21.7	<200
Antimony	6.0	3.4	2.2	<6.0	3.4	<6.0	1.1	<6.0	0.0	<6.0
Arsenic	10	2.8	-1.2	<10	-2.9	<10	0.41	<10	0.80	<10
Barium	200	5	0.090	<200	0.020	<200	0.090	<200	0.030	<200
Beryllium	4.0	1	-1.1	<4.0	-0.97	<4.0	-0.15	<4.0	0.28	<4.0
Cadmium	5.0	1	0.020	<5.0	-0.070	<5.0	0.15	<5.0	0.16	<5.0
Calcium	1000	42	8.1	<1000	5.7	<1000	7.0	<1000	5.5	<1000
Chromium	10	.6	0.25	<10	0.22	<10	0.17	<10	0.22	<10
Cobalt	50	1	0.34	<50	0.24	<50	0.37	<50	0.26	<50
Copper	25	.9	1.5	<25	0.43	<25	0.46	<25	-0.28	<25
Iron	300	12	9.8	<300	-7.9	<300	1.3	<300	11.1	<300
Lead	5.0	1.7	0.69	<5.0	-1.3	<5.0	-1.0	<5.0	1.1	<5.0
Magnesium	5000	4.3	10.5	<5000	5.9	<5000	11.8	<5000	9.3	<5000
Manganese	15	.6	-0.040	<15	-0.030	<15	-0.040	<15	0.090	<15
Molybdenum	50	1.3								
Nickel	40	1	1.5	<40	1.4	<40	1.0	<40	1.1	<40
Potassium	10000	10	7.5	<10000	3.4	<10000	14.4	<10000	5.2	<10000
Selenium	10	2	3.4	<10	2.2	<10	-0.60	<10	2.5	<10
Silver	10	.9	0.040	<10	-0.10	<10	0.070	<10	0.030	<10
Sodium	10000	500	145	<10000	96.3	<10000	183	<10000	-35	<10000
Thallium	10	2.3	-1.1	<10	0.76	<10	2.3	<10	-0.41	<10
Tin	50	3.1	-3.1	<50	-2.5	<50	-1.1	<50	-2.2	<50
Vanadium	50	.6	-0.12	<50	0.45	<50	-0.12	<50	0.15	<50
Zinc	20	1.3	-0.16	<20	-0.16	<20	0.27	<20	0.32	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time:			20:19 X		21:00 X		21:40 X		22:22 X	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	-21	<200	11.9	<200	25.7	<200	31.5	<200
Antimony	6.0	3.4	3.0	<6.0	3.8	<6.0	4.7	<6.0	2.4	<6.0
Arsenic	10	2.8	-1.4	<10	2.8	<10	-1.1	<10	0.040	<10
Barium	200	5	0.090	<200	0.060	<200	0.050	<200	0.12	<200
Beryllium	4.0	1	1.7	<4.0	0.16	<4.0	0.34	<4.0	0.46	<4.0
Cadmium	5.0	1	-0.050	<5.0	0.36	<5.0	0.050	<5.0	0.33	<5.0
Calcium	1000	42	5.5	<1000	8.9	<1000	8.1	<1000	8.5	<1000
Chromium	10	.6	-0.12	<10	0.060	<10	0.14	<10	0.72	<10
Cobalt	50	1	0.29	<50	-0.070	<50	-0.18	<50	-0.010	<50
Copper	25	.9	-0.30	<25	0.040	<25	-0.18	<25	-0.28	<25
Iron	300	12	9.2	<300	2.5	<300	14.0	<300	-1.3	<300
Lead	5.0	1.7	0.29	<5.0	0.20	<5.0	-0.86	<5.0	-0.85	<5.0
Magnesium	5000	4.3	5.8	<5000	6.0	<5000	2.6	<5000	5.2	<5000
Manganese	15	.6	0.070	<15	0.090	<15	0.15	<15	0.020	<15
Molybdenum	50	1.3								
Nickel	40	1	0.51	<40	1.0	<40	0.84	<40	0.65	<40
Potassium	10000	10	0.54	<10000	10.9	<10000	6.4	<10000	10.1	<10000
Selenium	10	2	0.010	<10	2.0	<10	2.6	<10	-1.3	<10
Silver	10	.9	-0.010	<10	0.010	<10	-0.040	<10	0.43	<10
Sodium	10000	500	-38	<10000	-21	<10000	-290	<10000	203	<10000
Thallium	10	2.3	0.41	<10	-0.37	<10	0.11	<10	-2.1	<10
Tin	50	3.1	-1.4	<50	-1.1	<50	-0.23	<50	-0.74	<50
Vanadium	50	.6	-0.24	<50	0.010	<50	-0.40	<50	0.17	<50
Zinc	20	1.3	-0.19	<20	0.64	<20	0.64	<20	0.38	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID:			23:02 CCB12		23:42 CCB13		00:24 CCB14		01:04 CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	4.6	<200	39.5	<200	8.0	<200	25.5	<200
Antimony	6.0	3.4	1.8	<6.0	0.91	<6.0	1.7	<6.0	4.5	<6.0
Arsenic	10	2.8	-1.3	<10	-0.95	<10	3.4	<10	-3.1	<10
Barium	200	5	0.16	<200	0.16	<200	0.080	<200	0.11	<200
Beryllium	4.0	1	0.28	<4.0	0.090	<4.0	-0.13	<4.0	-0.12	<4.0
Cadmium	5.0	1	0.070	<5.0	0.18	<5.0	0.47	<5.0	0.10	<5.0
Calcium	1000	42	10.2	<1000	7.9	<1000	16.6	<1000	17.3	<1000
Chromium	10	.6	0.010	<10	-0.12	<10	0.060	<10	0.24	<10
Cobalt	50	1	0.29	<50	-0.16	<50	0.20	<50	-0.010	<50
Copper	25	.9	0.17	<25	-0.33	<25	0.50	<25	0.27	<25
Iron	300	12	5.5	<300	12.4	<300	0.74	<300	-0.73	<300
Lead	5.0	1.7	0.65	<5.0	0.20	<5.0	-0.46	<5.0	-0.060	<5.0
Magnesium	5000	4.3	5.4	<5000	5.9	<5000	5.9	<5000	5.5	<5000
Manganese	15	.6	0.090	<15	-0.030	<15	0.16	<15	0.23	<15
Molybdenum	50	1.3								
Nickel	40	1	1.3	<40	0.98	<40	0.98	<40	1.0	<40
Potassium	10000	10	9.4	<10000	6.2	<10000	14.8	<10000	16.0	<10000
Selenium	10	2	0.51	<10	1.0	<10	1.4	<10	3.6	<10
Silver	10	.9	-0.16	<10	-0.18	<10	-0.37	<10	-0.010	<10
Sodium	10000	500	-6.4	<10000	47.9	<10000	94.4	<10000	9.0	<10000
Thallium	10	2.3	1.3	<10	-1.4	<10	-1.8	<10	0.98	<10
Tin	50	3.1	-0.25	<50	-2.1	<50	-1.8	<50	0.58	<50
Vanadium	50	.6	0.16	<50	0.31	<50	0.46	<50	0.020	<50
Zinc	20	1.3	0.28	<20	0.53	<20	0.86	<20	0.87	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	01:45 CCB16 raw	final	02:25 CCB17 raw	final	03:06 CCB18 raw	final	03:44 CCB19 raw	final
Aluminum	200	18	42.8	<200	30.6	<200	10.1	<200	3.0	<200
Antimony	6.0	3.4	-1.1	<6.0	2.1	<6.0	-0.32	<6.0	1.9	<6.0
Arsenic	10	2.8	-0.89	<10	-2.7	<10	-0.12	<10	-0.72	<10
Barium	200	5	0.15	<200	0.10	<200	0.15	<200	0.0	<200
Beryllium	4.0	1	-1.0	<4.0	-1.3	<4.0	-1.4	<4.0	-1.6	<4.0
Cadmium	5.0	1	0.080	<5.0	0.020	<5.0	0.10	<5.0	0.21	<5.0
Calcium	1000	42	17.4	<1000	18.3	<1000	17.7	<1000	6.9	<1000
Chromium	10	.6	-0.020	<10	0.65	<10	-0.69	<10	0.46	<10
Cobalt	50	1	-0.19	<50	0.15	<50	0.010	<50	0.16	<50
Copper	25	.9	0.25	<25	0.57	<25	0.90	<25	1.2	<25
Iron	300	12	6.3	<300	2.0	<300	7.9	<300	6.5	<300
Lead	5.0	1.7	-1.6	<5.0	-0.49	<5.0	0.20	<5.0	1.0	<5.0
Magnesium	5000	4.3	4.1	<5000	7.3	<5000	5.4	<5000	6.8	<5000
Manganese	15	.6	0.10	<15	0.16	<15	0.030	<15	-0.030	<15
Molybdenum	50	1.3								
Nickel	40	1	1.0	<40	0.64	<40	0.15	<40	0.98	<40
Potassium	10000	10	8.0	<10000	27.7	<10000	-34	<10000	11.9	<10000
Selenium	10	2	1.2	<10	-0.27	<10	1.2	<10	1.7	<10
Silver	10	.9	-0.29	<10	-0.27	<10	-0.19	<10	-0.020	<10
Sodium	10000	500	-62	<10000	213	<10000	-520	<10000	187	<10000
Thallium	10	2.3	-1.5	<10	-1.2	<10	-2.8	<10	-0.97	<10
Tin	50	3.1	-0.71	<50	-2.0	<50	-2.6	<50	-1.6	<50
Vanadium	50	.6	0.18	<50	0.020	<50	0.020	<50	-0.26	<50
Zinc	20	1.3	1.0	<20	0.92	<20	0.90	<20	0.21	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time:		11:14			12:09			16:11	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	38000	95.0	40000	39700	99.3
Antimony	2000	2030	101.5	2000	1960	98.0	2000	2030	101.5
Arsenic	2000	1940	97.0	2000	1900	95.0	2000	1960	98.0
Barium	2000	2010	100.5	2000	1950	97.5	2000	2040	102.0
Beryllium	2000	2020	101.0	2000	1990	99.5	2000	2070	103.5
Cadmium	2000	2000	100.0	2000	1960	98.0	2000	2030	101.5
Calcium	40000	40700	101.8	40000	39600	99.0	40000	41100	102.8
Chromium	2000	1970	98.5	2000	1920	96.0	2000	1990	99.5
Cobalt	2000	1970	98.5	2000	1920	96.0	2000	2000	100.0
Copper	2000	1950	97.5	2000	1890	94.5	2000	1970	98.5
Iron	40000	41000	102.5	40000	39900	99.8	40000	41600	104.0
Lead	2000	1940	97.0	2000	1890	94.5	2000	1950	97.5
Magnesium	40000	40000	100.0	40000	38800	97.0	40000	40200	100.5
Manganese	2000	1990	99.5	2000	1940	97.0	2000	2010	100.5
Molybdenum									
Nickel	2000	1950	97.5	2000	1910	95.5	2000	1980	99.0
Potassium	40000	40000	100.0	40000	38700	96.8	40000	40500	101.3
Selenium	2000	1980	99.0	2000	1930	96.5	2000	2000	100.0
Silver	250	241	96.4	250	233	93.2	250	243	97.2
Sodium	40000	40000	100.0	40000	38800	97.0	40000	40800	102.0
Thallium	2000	2030	101.5	2000	1980	99.0	2000	2040	102.0
Tin	2000	1960	98.0	2000	1910	95.5	2000	1970	98.5
Vanadium	2000	1980	99.0	2000	1920	96.0	2000	2000	100.0
Zinc	2000	2020	101.0	2000	1970	98.5	2000	2040	102.0

(*) Outside of QC limits
(anr) Analyte not requested

7.3.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	16:34 CCV3 X Results	% Rec	CCV True	17:33 CCV4 X Results	% Rec	CCV True	18:13 CCV5 X Results	% Rec
Aluminum	40000	39600	99.0	40000	40300	100.8	40000	40600	101.5
Antimony	2000	2030	101.5	2000	2090	104.5	2000	2070	103.5
Arsenic	2000	1960	98.0	2000	2010	100.5	2000	2010	100.5
Barium	2000	2040	102.0	2000	2100	105.0	2000	2110	105.5
Beryllium	2000	2060	103.0	2000	2110	105.5	2000	2120	106.0
Cadmium	2000	2020	101.0	2000	2050	102.5	2000	2070	103.5
Calcium	40000	40900	102.3	40000	41400	103.5	40000	41700	104.3
Chromium	2000	1980	99.0	2000	2010	100.5	2000	2040	102.0
Cobalt	2000	1980	99.0	2000	2040	102.0	2000	2030	101.5
Copper	2000	1970	98.5	2000	2010	100.5	2000	2030	101.5
Iron	40000	41400	103.5	40000	42700	106.8	40000	42200	105.5
Lead	2000	1950	97.5	2000	1970	98.5	2000	1980	99.0
Magnesium	40000	40200	100.5	40000	40900	102.3	40000	41100	102.8
Manganese	2000	2000	100.0	2000	2060	103.0	2000	2040	102.0
Molybdenum									
Nickel	2000	1970	98.5	2000	2000	100.0	2000	2020	101.0
Potassium	40000	40500	101.3	40000	41500	103.8	40000	41900	104.8
Selenium	2000	2000	100.0	2000	2040	102.0	2000	2050	102.5
Silver	250	242	96.8	250	246	98.4	250	247	98.8
Sodium	40000	40700	101.8	40000	40800	102.0	40000	41900	104.8
Thallium	2000	2030	101.5	2000	2060	103.0	2000	2100	105.0
Tin	2000	1970	98.5	2000	2010	100.5	2000	2000	100.0
Vanadium	2000	1990	99.5	2000	2040	102.0	2000	2040	102.0
Zinc	2000	2030	101.5	2000	2050	102.5	2000	2070	103.5

(*) Outside of QC limits
(anr) Analyte not requested

7.3.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number:, F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	18:54 CCV6 X Results	% Rec	CCV True	19:34 CCV7 Y Results	% Rec	CCV True	20:15 CCV8 F Results	% Rec
Aluminum	40000	39300	98.3	40000	40300	100.8	40000	40000	100.0
Antimony	2000	2010	100.5	2000	2080	104.0	2000	2060	103.0
Arsenic	2000	1980	99.0	2000	2050	102.5	2000	2030	101.5
Barium	2000	2030	101.5	2000	2090	104.5	2000	2070	103.5
Beryllium	2000	2080	104.0	2000	2160	108.0	2000	2150	107.5
Cadmium	2000	2050	102.5	2000	2120	106.0	2000	2120	106.0
Calcium	40000	41100	102.8	40000	42600	106.5	40000	42900	107.3
Chromium	2000	2010	100.5	2000	2090	104.5	2000	2090	104.5
Cobalt	2000	1990	99.5	2000	2050	102.5	2000	2050	102.5
Copper	2000	1960	98.0	2000	2020	101.0	2000	2000	100.0
Iron	40000	41200	103.0	40000	42600	106.5	40000	42400	106.0
Lead	2000	1980	99.0	2000	2030	101.5	2000	2020	101.0
Magnesium	40000	40200	100.5	40000	41500	103.8	40000	41300	103.3
Manganese	2000	1990	99.5	2000	2050	102.5	2000	2040	102.0
Molybdenum									
Nickel	2000	1990	99.5	2000	2090	104.5	2000	2100	105.0
Potassium	40000	40000	100.0	40000	40700	101.8	40000	40500	101.3
Selenium	2000	2010	100.5	2000	2070	103.5	2000	2050	102.5
Silver	250	241	96.4	250	249	99.6	250	248	99.2
Sodium	40000	40200	100.5	40000	41400	103.5	40000	41100	102.8
Thallium	2000	2050	102.5	2000	2120	106.0	2000	2110	105.5
Tin	2000	1960	98.0	2000	2030	101.5	2000	2030	101.5
Vanadium	2000	2000	100.0	2000	2070	103.5	2000	2060	103.0
Zinc	2000	2050	102.5	2000	2120	106.0	2000	2120	106.0

(*) Outside of QC limits
(anr) Analyte not requested

7.3.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	20:56 CCV9 Results	% Rec	CCV True	21:36 CCV10 Results	% Rec	CCV True	22:17 CCV11 Results	% Rec
Aluminum	40000	41300	103.3	40000	40900	102.3	40000	41300	103.3
Antimony	2000	2120	106.0	2000	2110	105.5	2000	2120	106.0
Arsenic	2000	2100	105.0	2000	2080	104.0	2000	2090	104.5
Barium	2000	2140	107.0	2000	2110	105.5	2000	2140	107.0
Beryllium	2000	2220	111.0*(a	2000	2200	110.0	2000	2210	110.5*(a
Cadmium	2000	2190	109.5	2000	2170	108.5	2000	2170	108.5
Calcium	40000	44400	111.0*(b	40000	43700	109.3	40000	44000	110.0
Chromium	2000	2160	108.0	2000	2140	107.0	2000	2140	107.0
Cobalt	2000	2110	105.5	2000	2080	104.0	2000	2090	104.5
Copper	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Iron	40000	43700	109.3	40000	42800	107.0	40000	43200	108.0
Lead	2000	2090	104.5	2000	2070	103.5	2000	2080	104.0
Magnesium	40000	42700	106.8	40000	42400	106.0	40000	42600	106.5
Manganese	2000	2100	105.0	2000	2060	103.0	2000	2070	103.5
Molybdenum									
Nickel	2000	2130	106.5	2000	2100	105.0	2000	2110	105.5
Potassium	40000	41800	104.5	40000	41700	104.3	40000	42300	105.8
Selenium	2000	2120	106.0	2000	2110	105.5	2000	2110	105.5
Silver	250	256	102.4	250	253	101.2	250	255	102.0
Sodium	40000	42500	106.3	40000	42400	106.0	40000	42500	106.3
Thallium	2000	2180	109.0	2000	2170	108.5	2000	2180	109.0
Tin	2000	2090	104.5	2000	2060	103.0	2000	2060	103.0
Vanadium	2000	2130	106.5	2000	2110	105.5	2000	2120	106.0
Zinc	2000	2190	109.5	2000	2160	108.0	2000	2170	108.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

7.3.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time:		22:58			23:38			00:20	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41400	103.5	40000	41600	104.0	40000	41800	104.5
Antimony	2000	2110	105.5	2000	2090	104.5	2000	2100	105.0
Arsenic	2000	2080	104.0	2000	2060	103.0	2000	2060	103.0
Barium	2000	2150	107.5	2000	2170	108.5	2000	2180	109.0
Beryllium	2000	2210	110.5*(a	2000	2190	109.5	2000	2170	108.5
Cadmium	2000	2180	109.0	2000	2160	108.0	2000	2130	106.5
Calcium	40000	44400	111.0*(b	40000	43800	109.5	40000	43400	108.5
Chromium	2000	2150	107.5	2000	2130	106.5	2000	2110	105.5
Cobalt	2000	2100	105.0	2000	2070	103.5	2000	2070	103.5
Copper	2000	2070	103.5	2000	2080	104.0	2000	2090	104.5
Iron	40000	43600	109.0	40000	43000	107.5	40000	43100	107.8
Lead	2000	2070	103.5	2000	2060	103.0	2000	2050	102.5
Magnesium	40000	42700	106.8	40000	42700	106.8	40000	42700	106.8
Manganese	2000	2080	104.0	2000	2050	102.5	2000	2050	102.5
Molybdenum									
Nickel	2000	2120	106.0	2000	2100	105.0	2000	2100	105.0
Potassium	40000	42100	105.3	40000	42800	107.0	40000	42900	107.3
Selenium	2000	2100	105.0	2000	2100	105.0	2000	2090	104.5
Silver	250	258	103.2	250	256	102.4	250	258	103.2
Sodium	40000	43100	107.8	40000	43000	107.5	40000	43300	108.3
Thallium	2000	2160	108.0	2000	2160	108.0	2000	2150	107.5
Tin	2000	2070	103.5	2000	2040	102.0	2000	2030	101.5
Vanadium	2000	2130	106.5	2000	2120	106.0	2000	2110	105.5
Zinc	2000	2180	109.0	2000	2160	108.0	2000	2150	107.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

7.3.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	01:00 CCV15 Results	% Rec	CCV True	01:41 CCV16 Results	% Rec	CCV True	02:21 CCV17 Results	% Rec
Aluminum	40000	40000	100.0	40000	42100	105.3	40000	42100	105.3
Antimony	2000	2030	101.5	2000	2170	108.5	2000	2210	110.0
Arsenic	2000	1980	99.0	2000	2120	106.0	2000	2160	108.0
Barium	2000	2080	104.0	2000	2200	110.0	2000	2190	109.5
Beryllium	2000	2100	105.0	2000	2240	112.0*(a	2000	2260	113.0*(a
Cadmium	2000	2060	103.0	2000	2190	109.5	2000	2200	110.0
Calcium	40000	42000	105.0	40000	44200	110.0	40000	43900	109.8
Chromium	2000	2040	102.0	2000	2160	108.0	2000	2160	108.0
Cobalt	2000	2000	100.0	2000	2130	106.5	2000	2140	107.0
Copper	2000	2000	100.0	2000	2130	106.5	2000	2140	107.0
Iron	40000	41600	104.0	40000	44300	110.8*(a	40000	44300	110.8*(a
Lead	2000	2010	100.5	2000	2110	105.5	2000	2110	105.5
Magnesium	40000	41000	102.5	40000	43500	108.8	40000	43900	109.8
Manganese	2000	1990	99.5	2000	2120	106.0	2000	2130	106.5
Molybdenum									
Nickel	2000	2020	101.0	2000	2150	107.5	2000	2160	108.0
Potassium	40000	41100	102.8	40000	43100	107.8	40000	42800	107.0
Selenium	2000	2040	102.0	2000	2160	108.0	2000	2180	109.0
Silver	250	249	99.6	250	261	104.4	250	260	104.0
Sodium	40000	41200	103.0	40000	43400	108.5	40000	43300	108.3
Thallium	2000	2070	103.5	2000	2200	110.0	2000	2240	112.0*(a
Tin	2000	1960	98.0	2000	2100	105.0	2000	2130	106.5
Vanadium	2000	2030	101.5	2000	2160	108.0	2000	2160	108.0
Zinc	2000	2080	104.0	2000	2200	110.0	2000	2200	110.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.

7.3.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time: / Sample ID: / Metal	CCV True	03:02 CCV18 Results	% Rec	CCV True	03:40 CCV19 Results	% Rec
Aluminum	40000	41300	103.3	40000	40700	101.8
Antimony	2000	2200	110.0	2000	2160	108.0
Arsenic	2000	2130	106.5	2000	2100	105.0
Barium	2000	2190	109.5	2000	2160	108.0
Beryllium	2000	2250	112.5*(a	2000	2220	111.0*(b
Cadmium	2000	2180	109.0	2000	2170	108.5
Calcium	40000	43700	109.3	40000	43400	108.5
Chromium	2000	2140	107.0	2000	2130	106.5
Cobalt	2000	2140	107.0	2000	2110	105.5
Copper	2000	2120	106.0	2000	2090	104.5
Iron	40000	44300	110.8*(a	40000	44000	110.0
Lead	2000	2090	104.5	2000	2070	103.5
Magnesium	40000	43100	107.8	40000	42600	106.5
Manganese	2000	2130	106.5	2000	2120	106.0
Molybdenum						
Nickel	2000	2140	107.0	2000	2100	105.0
Potassium	40000	41700	104.3	40000	41100	102.8
Selenium	2000	2150	107.5	2000	2120	106.0
Silver	250	259	103.6	250	256	102.4
Sodium	40000	42300	105.8	40000	41300	103.3
Thallium	2000	2210	110.5*(a	2000	2180	109.0
Tin	2000	2120	106.0	2000	2100	105.0
Vanadium	2000	2150	107.5	2000	2130	106.5
Zinc	2000	2180	109.0	2000	2160	108.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.
(b) No samples for Be reported in the area bracketed by this QC.

7.3.3

HIGH STANDARD CHECK SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA5732 Units: ug/l

Time:		11:06	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	80000	81400	101.8
Antimony	4000	4040	101.0
Arsenic	4000	4000	100.0
Barium	4000	4010	100.3
Beryllium	4000	3940	98.5
Cadmium	4000	3980	99.5
Calcium	80000	79700	99.6
Chromium	4000	3990	99.8
Cobalt	4000	4010	100.3
Copper	4000	4070	101.8
Iron	80000	79800	99.8
Lead	4000	4040	101.0
Magnesium	80000	80600	100.8
Manganese	4000	3980	99.5
Molybdenum			
Nickel	4000	4010	100.3
Potassium	80000	82400	103.0
Selenium	4000	4010	100.3
Silver	500	503	100.6
Sodium	80000	85600	107.0
Thallium	4000	4000	100.0
Tin	4000	4040	101.0
Vanadium	4000	4010	100.3
Zinc	4000	3950	98.8

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA5732 Units: ug/l

Time:			11:24		03:30	
Sample ID:	CRI	CRIA	CRIA1		CRIA2	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	400	200	162	81.0	202	101.0
Antimony	10	5.0	5.9	118.0	2.6U	43.0*(a)
Arsenic	20	10	9.3	93.0	10.6	106.0
Barium	400	200	202	101.0	217	108.5
Beryllium	10	5.0	5.8	116.0	4.4	88.0
Cadmium	10	5.0	5.3	106.0	5.4	108.0
Calcium	2000	1000	1020	102.0	1100	110.0
Chromium	20	10	10.5	105.0	10.9	109.0
Cobalt	100	50	49.2	98.4	53.3	106.6
Copper	50	25	29.9	119.6	31.7	126.8
Iron	600	300	311	103.7	362	120.7
Lead	10	5.0	5.7	114.0	2.9	58.0*(a)
Magnesium	10000	5000	4820	96.4	5070	101.4
Manganese	30	15	15.3	102.0	16.6	110.7
Molybdenum	100	50				
Nickel	80	40	39.2	98.0	43.2	108.0
Potassium	20000	10000	7670	76.7	7740	77.4
Selenium	20	10	10.6	106.0	10.4	104.0
Silver	20	10	9.0	90.0	9.7	97.0
Sodium	20000	10000	7420	74.2	7530	75.3
Thallium	20	10	7.9	79.0	7.9	79.0
Tin	100	50	48.0	96.0	52.4	104.8
Vanadium	100	50	50.1	100.2	53.8	107.6
Zinc	40	20	24.4	122.0	26.8	134.0*(a

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:06	MA5732-HSTD1	1		
11:14	MA5732-ICV1	1		
11:19	MA5732-ICB1	1		
11:24	MA5732-CRIA1	1		
11:35	MA5732-ICSA1	1		
11:40	MA5732-ICSAB1	1		
12:09	MA5732-CCV1	1		
12:14	MA5732-CCB1	1		
16:11	MA5732-CCV2	1		
16:15	MA5732-CCB2	1		
16:25	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:31	ZZZZZZ	1		
16:34	MA5732-CCV3	1		
16:39	MA5732-CCB3	1		
17:00	MP12050-MB1	1		
17:03	MP12050-B1	1		
17:06	F49499-1	1		(sample used for QC only; not part of login F49565)
17:10	MP12050-D1	1		
17:13	MP12050-SD1	5		
17:16	MP12050-S1	1		
17:19	MP12050-S2	1		
17:23	ZZZZZZ	1		
17:26	ZZZZZZ	1		
17:29	ZZZZZZ	1		
17:33	MA5732-CCV4	1		
17:37	MA5732-CCB4	1		
17:40	ZZZZZZ	1		
17:43	ZZZZZZ	1		
17:47	ZZZZZZ	1		
17:50	ZZZZZZ	1		
17:53	ZZZZZZ	1		
17:56	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:00	ZZZZZZ	1		
18:03	ZZZZZZ	1		
18:06	ZZZZZZ	1		
18:10	ZZZZZZ	1		
18:13	MA5732-CCV5	1		
18:17	MA5732-CCB5	1		
18:20	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:30	ZZZZZZ	1		
18:33	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:41	MP12047-MB1	1		
18:44	MP12047-B1	1		
18:47	F49463-4	1		(sample used for QC only; not part of login F49565)
18:51	MP12047-D1	1		
18:54	MA5732-CCV6	1		
18:58	MA5732-CCB6	1		
19:02	MP12047-SD1	5		
19:05	MP12047-S1	1		
19:08	MP12047-S2	1		
19:11	ZZZZZZ	1		
19:15	ZZZZZZ	1		
19:18	ZZZZZZ	1		
19:21	ZZZZZZ	1		
19:24	ZZZZZZ	1		
19:28	ZZZZZZ	1		
19:31	ZZZZZZ	1		
19:34	MA5732-CCV7	1		
19:39	MA5732-CCB7	1		
19:42	ZZZZZZ	1		
19:45	ZZZZZZ	1		
19:48	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:52	ZZZZZZ	1		
19:55	ZZZZZZ	1		
19:58	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:05	ZZZZZZ	1		
20:08	ZZZZZZ	1		
20:11	ZZZZZZ	1		
20:15	MA5732-CCV8	1		
20:19	MA5732-CCB8	1		
20:30	MP12048-MB1	1		
20:33	MP12048-B1	1		
20:36	F49644-8	1		(sample used for QC only; not part of login F49565)
20:39	MP12048-D1	1		
20:43	MP12048-SD1	5		
20:46	MP12048-S1	1		
20:49	MP12048-S2	1		
20:53	ZZZZZZ	1		
20:56	MA5732-CCV9	1		
21:00	MA5732-CCB9	1		
21:03	ZZZZZZ	1		
21:07	ZZZZZZ	1		
21:10	ZZZZZZ	1		
21:13	ZZZZZZ	1		
21:16	ZZZZZZ	1		
21:20	ZZZZZZ	1		
21:23	ZZZZZZ	1		
21:26	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:36	MA5732-CCV10	1		
21:40	MA5732-CCB10	1		
21:47	ZZZZZZ	1		
21:50	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:54	ZZZZZZ	1		
21:57	ZZZZZZ	1		
22:00	ZZZZZZ	1		
22:03	ZZZZZZ	1		
22:07	ZZZZZZ	1		
22:11	MP12049-MB1	1		
22:14	MP12049-B1	1		
22:17	MA5732-CCV11	1		
22:22	MA5732-CCB11	1		
22:25	F49518-10	1		(sample used for QC only; not part of login F49565)
22:28	MP12049-D1	1		
22:32	MP12049-SD1	5		
22:35	MP12049-S1	1		
22:38	MP12049-S2	1		
22:41	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:48	ZZZZZZ	1		
22:51	ZZZZZZ	1		
22:55	ZZZZZZ	1		
22:58	MA5732-CCV12	1		
23:02	MA5732-CCB12	1		
23:05	ZZZZZZ	1		
23:09	ZZZZZZ	1		
23:12	ZZZZZZ	1		
23:15	ZZZZZZ	1		
23:19	ZZZZZZ	1		
23:22	ZZZZZZ	1		
23:25	ZZZZZZ	1		
23:28	ZZZZZZ	1		
23:32	ZZZZZZ	1		
23:35	ZZZZZZ	1		
23:38	MA5732-CCV13	1		
23:42	MA5732-CCB13	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:46	ZZZZZZ	1		
23:49	ZZZZZZ	1		
23:52	ZZZZZZ	1		
23:56	ZZZZZZ	1		
00:00	MP12051-MB1	1		
00:03	MP12051-B1	1		
00:06	F49566-2	1		(sample used for QC only; not part of login F49565)
00:10	MP12051-D1	1		
00:13	MP12051-SD1	5		
00:16	MP12051-S1	1		
00:20	MA5732-CCV14	1		
00:24	MA5732-CCB14	1		
00:27	MP12051-S2	1		
00:30	ZZZZZZ	1		
00:34	ZZZZZZ	1		
00:37	ZZZZZZ	1		
00:40	ZZZZZZ	1		
00:47	ZZZZZZ	1		
00:57	ZZZZZZ	1		
01:00	MA5732-CCV15	1		
01:04	MA5732-CCB15	1		
01:08	ZZZZZZ	1		
01:11	ZZZZZZ	1		
01:14	ZZZZZZ	1		
01:18	ZZZZZZ	1		
01:21	ZZZZZZ	1		
01:24	ZZZZZZ	1		
01:27	ZZZZZZ	1		
01:31	ZZZZZZ	1		
01:34	ZZZZZZ	1		
01:37	ZZZZZZ	1		
01:41	MA5732-CCV16	1		
01:45	MA5732-CCB16	1		

7.3
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:48	MP12052-MB1	1		
01:51	MP12052-B1	1		
01:55	F49607-8	1		(sample used for QC only; not part of login F49565)
01:58	MP12052-D1	1		
02:01	MP12052-SD1	5		
02:05	MP12052-S1	1		
02:08	MP12052-S2	1		
02:11	ZZZZZZ	1		
02:15	ZZZZZZ	1		
02:18	ZZZZZZ	1		
02:21	MA5732-CCV17	1		
02:25	MA5732-CCB17	1		
02:29	F49565-7	1		SW16
02:32	F49565-8	1		SW17
02:35	F49565-9	1		SW18
02:39	F49565-10	1		SW19
02:42	ZZZZZZ	1		Last reportable sample/prep for job F49565
02:45	ZZZZZZ	1		
02:49	ZZZZZZ	1		
02:52	ZZZZZZ	1		
02:55	ZZZZZZ	1		
02:59	ZZZZZZ	1		
03:02	MA5732-CCV18	1		
03:06	MA5732-CCB18	1		
03:09	ZZZZZZ	1		
03:13	ZZZZZZ	1		
03:16	ZZZZZZ	1		
03:19	ZZZZZZ	1		
03:23	ZZZZZZ	1		
03:26	ZZZZZZ	1		
03:30	MA5732-CRIA2	1		
03:33	MA5732-ICSA2	1		
03:37	MA5732-ICSAB2	1		

7.3
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:40	MA5732-CCV19	1		
03:44	MA5732-CCB19	1		
---------->	Last reportable CCB for job F49565			
03:47	ZZZZZZ	1		
03:51	ZZZZZZ	1		
03:54	ZZZZZZ	1		
03:57	ZZZZZZ	1		
04:01	ZZZZZZ	1		
04:04	ZZZZZZ	1		
04:07	ZZZZZZ	1		
04:11	ZZZZZZ	1		
04:14	ZZZZZZ	1		
04:17	MA5732-CCV20	1		
04:21	MA5732-CCB20	1		
04:25	ZZZZZZ	1		
04:28	ZZZZZZ	1		
04:31	ZZZZZZ	1		
04:36	MA5732-CRIA3	1		
04:39	MA5732-ICSA3	1		
04:42	MA5732-ICSAB3	1		
04:45	MA5732-CCV21	1		
04:50	MA5732-CCB21	1		

Refer to raw data for calibration curve and standards.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5736 Units: ug/l

Time: / Sample ID:			10:51 ICB1		10:55 ICB2		11:28 CCB1		12:23 CCB2	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.1	<6.0			0.70	<6.0	-0.63	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.74	<4.0			-0.73	<4.0	-2.5	<4.0
Cadmium	5.0	1	0.010	<5.0			-0.010	<5.0	0.36	<5.0
Calcium	1000	42	-4.3	<1000			-1.3	<1000	1.5	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	-0.88	<25			-0.95	<25	0.54	<25
Iron	300	12	-37	<300			-32	<300	-35	<300
Lead	5.0	1.7	-0.22	<5.0			1.1	<5.0	-2.6	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.19	<15			0.0	<15	-0.050	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-0.83	<10			-1.5	<10	-1.0	<10
Sodium	10000	500	-780	<20000			-1200	<20000	-740	<20000
Thallium	10	2.3			-2.3	<10	0.55	<10	0.17	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-0.29	<20			-1.9	<20	-1.7	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	13:07 CCB3 raw	13:07 CCB3 final	13:47 CCB4 raw	13:47 CCB4 final	14:27 CCB5 raw	14:27 CCB5 final	14:48 CCB6 raw	14:48 CCB6 final
Aluminum	200	18	anr							
Antimony	6.0	3.4	2.4	<6.0	0.030	<6.0	3.8	<6.0	1.5	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-1.9	<4.0	-1.5	<4.0	-1.8	<4.0	-0.70	<4.0
Cadmium	5.0	1	0.19	<5.0	0.0	<5.0	-0.040	<5.0	0.40	<5.0
Calcium	1000	42	-0.59	<1000	-1.6	<1000	-2.6	<1000	-1.1	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	0.45	<25	0.45	<25	-0.76	<25	-0.85	<25
Iron	300	12	-34	<300	-31	<300	-26	<300	-26	<300
Lead	5.0	1.7	0.34	<5.0	-0.89	<5.0	-1.2	<5.0	-0.12	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.12	<15	-0.25	<15	-0.050	<15	0.0	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-1.3	<10	-1.4	<10	-1.1	<10	-1.1	<10
Sodium	10000	500	-690	<20000	-1200	<20000	-630	<20000	-860	<20000
Thallium	10	2.3	-1.3	<10	-0.12	<10	2.6	<10	1.1	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.5	<20	-1.6	<20	-1.8	<20	-1.6	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	15:51 CCB7 raw	final	16:31 CCB8 raw	final	17:26 CCB9 raw	final	18:08 CCB10 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	4.4	<6.0	5.0	<6.0	3.7	<6.0	4.1	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-2.8	<4.0	-0.48	<4.0	-0.87	<4.0	-0.45	<4.0
Cadmium	5.0	1	0.22	<5.0	0.0	<5.0	0.10	<5.0	-0.17	<5.0
Calcium	1000	42	-7.3	<1000	-7.3	<1000	-8.3	<1000	-8.9	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	-0.86	<25	-1.4	<25	-1.9	<25	-1.3	<25
Iron	300	12	-42	<300	-36	<300	-40	<300	-26	<300
Lead	5.0	1.7	-0.71	<5.0	-0.29	<5.0	-1.3	<5.0	-1.5	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.25	<15	-0.18	<15	-0.050	<15	-0.18	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-1.3	<10	-1.3	<10	-1.1	<10	-1.1	<10
Sodium	10000	500	-710	<20000	-1100	<20000	-960	<20000	-1100	<20000
Thallium	10	2.3	-1.9	<10	-0.79	<10	-0.62	<10	-0.030	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.6	<20	-1.6	<20	-1.6	<20	-1.5	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	18:48 CCB11 ✗ raw	final	19:28 CCB12 ✗ raw	final	20:09 CCB13 ✗ raw	final	20:50 CCB14 ✗ raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.2	<6.0	0.64	<6.0	2.9	<6.0	2.5	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-0.92	<4.0	0.12	<4.0	-0.33	<4.0	-0.87	<4.0
Cadmium	5.0	1	0.010	<5.0	0.040	<5.0	-0.11	<5.0	0.070	<5.0
Calcium	1000	42	-9.4	<1000	-11	<1000	-12	<1000	-10	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	-1.5	<25	-1.9	<25	-2.3	<25	-1.1	<25
Iron	300	12	-35	<300	-54	<300	-34	<300	-34	<300
Lead	5.0	1.7	-0.010	<5.0	-1.5	<5.0	0.13	<5.0	-0.66	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.050	<15	-0.19	<15	-0.25	<15	-0.18	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-0.76	<10	-2.3	<10	-0.91	<10	-1.2	<10
Sodium	10000	500	-740	<20000	-1100	<20000	-1100	<20000	-950	<20000
Thallium	10	2.3	-0.030	<10	-2.2	<10	-1.4	<10	0.51	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.7	<20	-1.1	<20	-1.5	<20	-1.5	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	21:31 CCB15 X raw	final	22:12 CCB16 X raw	final	22:53 CCB17 Y raw	final	23:33 CCB18 Y raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	3.5	<6.0	8.3	* (a)	4.0	<6.0	2.2	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.16	<4.0	-1.8	<4.0	-1.5	<4.0	-1.1	<4.0
Cadmium	5.0	1	0.080	<5.0	0.050	<5.0	0.22	<5.0	0.10	<5.0
Calcium	1000	42	-10	<1000	-4.9	<1000	-8.8	<1000	-6.7	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	-1.5	<25	-0.82	<25	-0.94	<25	-1.4	<25
Iron	300	12	-30	<300	-29	<300	-29	<300	-29	<300
Lead	5.0	1.7	-0.47	<5.0	-0.76	<5.0	0.36	<5.0	-3.4	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.070	<15	0.080	<15	-0.12	<15	-0.050	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-1.2	<10	-1.1	<10	-1.5	<10	-1.1	<10
Sodium	10000	500	-640	<20000	-780	<20000	-870	<20000	-800	<20000
Thallium	10	2.3	0.44	<10	3.2	<10	1.8	<10	-2.6	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.4	<20	-1.1	<20	-1.6	<20	-1.2	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.

7.5.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID:			00:15 CCB19		00:55 CCB20		01:29 CCB21		02:03 CCB22	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.6	<6.0	2.6	<6.0	2.2	<6.0	5.9	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.050	<4.0	0.11	<4.0	0.10	<4.0	-0.33	<4.0
Cadmium	5.0	1	-0.050	<5.0	0.36	<5.0	0.20	<5.0	0.090	<5.0
Calcium	1000	42	-5.6	<1000	-8.3	<1000	-6.8	<1000	-6.0	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	-1.5	<25	-2.7	<25	-2.1	<25	-2.4	<25
Iron	300	12	-22	<300	-21	<300	-28	<300	-25	<300
Lead	5.0	1.7	0.31	<5.0	0.25	<5.0	-1.0	<5.0	-0.44	<5.0
Magnesium	5000	4.3	anr							
Manganese	15	.6	-0.19	<15	-0.060	<15	-0.25	<15	-0.060	<15
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	-0.89	<10	-0.71	<10	-1.2	<10	-0.94	<10
Sodium	10000	500	-860	<20000	-1000	<20000	-1300	<20000	-680	<20000
Thallium	10	2.3	1.3	<10	0.44	<10	1.7	<10	0.18	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.2	<20	-1.2	<20	-1.3	<20	-1.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:			02:24	
Sample ID:			CCB23	
Metal	RL	IDL	raw	final
Aluminum	200	18	anr	
Antimony	6.0	3.4	2.8	<6.0
Arsenic	10	2.8	anr	
Barium	200	5	anr	
Beryllium	4.0	1	-0.25	<4.0
Cadmium	5.0	1	0.0	<5.0
Calcium	1000	42	-10	<1000
Chromium	10	.6	anr	
Cobalt	50	1	anr	
Copper	25	.9	-2.2	<25
Iron	300	12	-19	<300
Lead	5.0	1.7	0.38	<5.0
Magnesium	5000	4.3	anr	
Manganese	15	.6	-0.12	<15
Molybdenum	50	1.3		
Nickel	40	1	anr	
Potassium	10000	10	anr	
Selenium	10	2	anr	
Silver	10	.9	-0.63	<10
Sodium	10000	500	-660	<20000
Thallium	10	2.3	2.0	<10
Tin	50	3.1		
Vanadium	50	.6	anr	
Zinc	20	1.3	-1.4	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		10:42			11:22			12:19	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2000	100.0	2000	2080	104.0	2000	2180	109.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	1970	98.5	2000	2060	103.0	2000	2160	108.0
Cadmium	2000	1960	98.0	2000	2020	101.0	2000	2110	105.5
Calcium	40000	39800	99.5	40000	40800	102.0	40000	42500	106.3
Chromium	anr								
Cobalt	anr								
Copper	2000	1890	94.5	2000	1930	96.5	2000	2020	101.0
Iron	40000	39900	99.8	40000	41200	103.0	40000	43800	109.5
Lead	2000	1910	95.5	2000	1950	97.5	2000	1990	99.5
Magnesium	anr								
Manganese	2000	1930	96.5	2000	2000	100.0	2000	2110	105.5
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	236	94.4	250	240	96.0	250	252	100.8
Sodium	40000	38300	95.8	40000	39400	98.5	40000	41100	102.8
Thallium	2000	1980	99.0	2000	2040	102.0	2000	2110	105.5
Tin									
Vanadium	anr								
Zinc	2000	1970	98.5	2000	2030	101.5	2000	2110	105.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

ACCUTEST Laboratories
F49565

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	13:02 CCV3 Results	% Rec	CCV True	13:43 CCV4 Results	% Rec	CCV True	14:23 CCV5 Results	% Rec
Aluminum	anr								
Antimony	2000	2080	104.0	2000	2080	104.0	2000	2060	103.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2080	104.0	2000	2100	105.0	2000	2050	102.5
Cadmium	2000	2020	101.0	2000	2050	102.5	2000	2000	100.0
Calcium	40000	40900	102.3	40000	41300	103.3	40000	40100	100.3
Chromium	anr								
Cobalt	anr								
Copper	2000	1950	97.5	2000	1960	98.0	2000	1960	98.0
Iron	40000	41800	104.5	40000	42400	106.0	40000	41100	102.8
Lead	2000	1940	97.0	2000	1960	98.0	2000	1920	96.0
Magnesium	anr								
Manganese	2000	2020	101.0	2000	2050	102.5	2000	1980	99.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	241	96.4	250	244	97.6	250	240	96.0
Sodium	40000	39000	97.5	40000	39200	98.0	40000	39700	99.3
Thallium	2000	2030	101.5	2000	2050	102.5	2000	2020	101.0
Tin									
Vanadium	anr								
Zinc	2000	2030	101.5	2000	2050	102.5	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time: / Sample ID: / Metal	CCV True	14:44 CCV6 Results	% Rec	CCV True	15:47 CCV7 Results	% Rec	CCV True	16:27 CCV8 Results	% Rec
Aluminum	anr								
Antimony	2000	2060	103.0	2000	2010	100.5	2000	2000	100.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2080	104.0	2000	2070	103.5	2000	2060	103.0
Cadmium	2000	2030	101.5	2000	2040	102.0	2000	2020	101.0
Calcium	40000	41000	102.5	40000	41200	103.0	40000	40600	101.5
Chromium	anr								
Cobalt	anr								
Copper	2000	1950	97.5	2000	1920	96.0	2000	1890	94.5
Iron	40000	41500	103.8	40000	41000	102.5	40000	40600	101.5
Lead	2000	1940	97.0	2000	1930	96.5	2000	1920	96.0
Magnesium	anr								
Manganese	2000	2000	100.0	2000	1980	99.0	2000	1960	98.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	242	96.8	250	239	95.6	250	237	94.8
Sodium	40000	39500	98.8	40000	36900	92.3	40000	38100	95.3
Thallium	2000	2040	102.0	2000	2030	101.5	2000	2020	101.0
Tin									
Vanadium	anr								
Zinc	2000	2040	102.0	2000	2040	102.0	2000	2030	101.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:		17:22			18:03			18:44		
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	2000	2040	102.0	2000	2060	103.0	2000	2000	100.0	
Arsenic	anr									
Barium	anr									
Beryllium	2000	2090	104.5	2000	2090	104.5	2000	2040	102.0	
Cadmium	2000	2050	102.5	2000	2050	102.5	2000	2010	100.5	
Calcium	40000	41200	103.0	40000	41200	103.0	40000	40100	100.3	
Chromium	anr									
Cobalt	anr									
Copper	2000	1950	97.5	2000	1990	99.5	2000	1930	96.5	
Iron	40000	41000	102.5	40000	41400	103.5	40000	40300	100.8	
Lead	2000	1960	98.0	2000	1960	98.0	2000	1920	96.0	
Magnesium	anr									
Manganese	2000	1980	99.0	2000	1990	99.5	2000	1940	97.0	
Molybdenum										
Nickel	anr									
Potassium	anr									
Selenium	anr									
Silver	250	240	96.0	250	244	97.6	250	238	95.2	
Sodium	40000	39600	99.0	40000	40300	100.8	40000	39500	98.8	
Thallium	2000	2060	103.0	2000	2070	103.5	2000	2010	100.5	
Tin										
Vanadium	anr									
Zinc	2000	2050	102.5	2000	2060	103.0	2000	2020	101.0	

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		19:24			20:05			20:46	
Sample ID:	CCV	CCV12 X		CCV	CCV13 X		CCV	CCV14 X	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2000	100.0	2000	2010	100.5	2000	1970	98.5
Arsenic	anr								
Barium	anr								
Beryllium	2000	2050	102.5	2000	2040	102.0	2000	2010	100.5
Cadmium	2000	2020	101.0	2000	2000	100.0	2000	1960	98.0
Calcium	40000	40300	100.8	40000	40100	100.3	40000	39400	98.5
Chromium	anr								
Cobalt	anr								
Copper	2000	1940	97.0	2000	1960	98.0	2000	1920	96.0
Iron	40000	40300	100.8	40000	40200	100.5	40000	39400	98.5
Lead	2000	1920	96.0	2000	1920	96.0	2000	1890	94.5
Magnesium	anr								
Manganese	2000	1940	97.0	2000	1930	96.5	2000	1900	95.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	239	95.6	250	238	95.2	250	234	93.6
Sodium	40000	39900	99.8	40000	39800	99.5	40000	38500	96.3
Thallium	2000	2030	101.5	2000	2020	101.0	2000	1990	99.5
Tin									
Vanadium	anr								
Zinc	2000	2030	101.5	2000	2020	101.0	2000	1980	99.0

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

ACCUTEST. Laboratories
F49565

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	21:27 CCV15 Results	% Rec	CCV True	22:08 CCV16 Results	% Rec	CCV True	22:49 CCV17 Results	% Rec
Aluminum	anr								
Antimony	2000	2040	102.0	2000	2030	101.5	2000	2030	101.5
Arsenic	anr								
Barium	anr								
Beryllium	2000	2100	105.0	2000	2080	104.0	2000	2060	103.0
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2000	100.0
Calcium	40000	42000	105.0	40000	41300	103.3	40000	40200	100.5
Chromium	anr								
Cobalt	anr								
Copper	2000	1940	97.0	2000	1940	97.0	2000	1990	99.5
Iron	40000	41500	103.8	40000	40700	101.8	40000	40400	101.0
Lead	2000	1950	97.5	2000	1940	97.0	2000	1930	96.5
Magnesium	anr								
Manganese	2000	2000	100.0	2000	1970	98.5	2000	1940	97.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	242	96.8	250	239	95.6	250	240	96.0
Sodium	40000	40300	100.8	40000	39100	97.8	40000	39800	99.5
Thallium	2000	2050	102.5	2000	2050	102.5	2000	2050	102.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2050	102.5	2000	2030	101.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		23:29 X			00:11 X			00:51 X	
Sample ID:	CCV	CCV18		CCV	CCV19		CCV	CCV20	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2040	102.0	2000	2000	100.0	2000	2140	107.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2100	105.0	2000	2070	103.5	2000	2220	111.0*(a
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2190	109.5
Calcium	40000	41500	103.8	40000	41400	103.5	40000	44500	111.3*(b
Chromium	anr								
Cobalt	anr								
Copper	2000	1980	99.0	2000	1950	97.5	2000	2080	104.0
Iron	40000	41000	102.5	40000	40800	102.0	40000	43400	108.5
Lead	2000	1970	98.5	2000	1950	97.5	2000	2070	103.5
Magnesium	anr								
Manganese	2000	1980	99.0	2000	1970	98.5	2000	2100	105.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	242	96.8	250	241	96.4	250	257	102.8
Sodium	40000	39800	99.5	40000	39800	99.5	40000	42700	106.8
Thallium	2000	2070	103.5	2000	2030	101.5	2000	2190	109.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2040	102.0	2000	2190	109.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	01:25 CCV21 Results	% Rec	CCV True	01:59 CCV22 Results	% Rec	CCV True	02:20 CCV23 Results	% Rec
Aluminum	anr								
Antimony	2000	2010	100.5	2000	1980	99.0	2000	1980	99.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2090	104.5	2000	2050	102.5	2000	2050	102.5
Cadmium	2000	2050	102.5	2000	2020	101.0	2000	2020	101.0
Calcium	40000	41700	104.3	40000	40800	102.0	40000	41100	102.8
Chromium	anr								
Cobalt	anr								
Copper	2000	1950	97.5	2000	1930	96.5	2000	1920	96.0
Iron	40000	40800	102.0	40000	40200	100.5	40000	40500	101.3
Lead	2000	1960	98.0	2000	1920	96.0	2000	1930	96.5
Magnesium	anr								
Manganese	2000	1970	98.5	2000	1940	97.0	2000	1960	98.0
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	250	242	96.8	250	238	95.2	250	238	95.2
Sodium	40000	39800	99.5	40000	40200	100.5	40000	39400	98.5
Thallium	2000	2050	102.5	2000	2030	101.5	2000	2010	100.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2010	100.5	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

HIGH STANDARD CHECK SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 95 to 105 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:		10:39	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	4000	4020	100.5
Arsenic	anr		
Barium	anr		
Beryllium	4000	3910	97.8
Cadmium	4000	3960	99.0
Calcium	80000	79400	99.3
Chromium	anr		
Cobalt	anr		
Copper	4000	4070	101.8
Iron	80000	79400	99.3
Lead	4000	4020	100.5
Magnesium	anr		
Manganese	4000	3950	98.8
Molybdenum			
Nickel	anr		
Potassium	anr		
Selenium	anr		
Silver	500	499	99.8
Sodium	80000	87100	108.9
Thallium	4000	3980	99.5
Tin			
Vanadium	anr		
Zinc	4000	3910	97.8

(*) Outside of QC limits
(anr) Analyte not requested

7.5.4

7

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA5736 Units: ug/l

Time:			10:58		11:05		01:33		01:36	
Sample ID:	CRI	CRIA	CRIA1		CRI1		CRIA2		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	400	200	anr							
Antimony	10	5.0	3.9	78.0			2.0U	33.0*(a)		
Arsenic	20	10	anr							
Barium	400	200	anr							
Beryllium	10	5.0	6.5	130.0			6.0	120.0		
Cadmium	10	5.0	5.2	104.0			5.2	104.0		
Calcium	2000	1000	1010	101.0			1010	101.0		
Chromium	20	10	anr							
Cobalt	100	50	anr							
Copper	50	25	28.1	112.4			28.0	112.0		
Iron	600	300	284	94.7			267	89.0		
Lead	10	5.0	5.5	110.0			4.7	94.0		
Magnesium	10000	5000	anr							
Manganese	30	15	15.4	102.7			15.3	102.0		
Molybdenum	100	50								
Nickel	80	40	anr							
Potassium	20000	10000								
Selenium	20	10	anr							
Silver	20	10	7.9	79.0			7.8	78.0		
Sodium	20000	10000			14400	72.0			13800	69.0*(a)
Thallium	20	10	8.2	82.0			5.7	57.0*(a)		
Tin	100	50								
Vanadium	100	50	anr							
Zinc	40	20	24.7	123.5			24.2	121.0		

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

7.5.5

7

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA5736 Units: ug/l

Time: / Sample ID: / Metal	CRI True	CRIA True	02:06 CRIA3 Results	% Rec	02:10 CRI3 Results	% Rec
Aluminum	400	200	anr			
Antimony	10	5.0	-0.12U	0.0* (a)		
Arsenic	20	10	anr			
Barium	400	200	anr			
Beryllium	10	5.0	5.1	102.0		
Cadmium	10	5.0	5.5	110.0		
Calcium	2000	1000	1040	104.0		
Chromium	20	10	anr			
Cobalt	100	50	anr			
Copper	50	25	28.7	114.8		
Iron	600	300	293	97.7		
Lead	10	5.0	6.3	126.0		
Magnesium	10000	5000	anr			
Manganese	30	15	15.5	103.3		
Molybdenum	100	50				
Nickel	80	40	anr			
Potassium	20000	10000				
Selenium	20	10	anr			
Silver	20	10	8.2	82.0		
Sodium	20000	10000			14300	71.5
Thallium	20	10	8.5	85.0		
Tin	100	50				
Vanadium	100	50	anr			
Zinc	40	20	25.3	126.5		

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible instrument baseline drift.

7.5.5

7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:14	MP12058-B1	1		
18:21	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:31	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:44	ZZZZZZ	1		
18:47	MA5734-CCV11	1		
18:51	MA5734-CCB11	1		
18:54	ZZZZZZ	1		
18:58	ZZZZZZ	1		
19:01	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:08	ZZZZZZ	1		
19:12	MP12061-MB1	1		
19:15	MP12061-B1	1		
19:18	F49647-1	1		(sample used for QC only; not part of login F49565)
19:22	MP12061-D1	1		
19:25	MP12061-SD1	5		
19:28	MA5734-CCV12	1		
19:32	MA5734-CCB12	1		
19:36	MP12061-S1	1		
19:39	MP12061-S2	1		
19:42	ZZZZZZ	1		
19:46	ZZZZZZ	1		
19:49	ZZZZZZ	1		
19:52	ZZZZZZ	1		
19:55	ZZZZZZ	1		
19:59	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:05	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:09	MA5734-CCV13	1		
20:13	MA5734-CCB13	1		
20:16	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:23	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:29	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:39	ZZZZZZ	1		
20:42	ZZZZZZ	1		
20:46	ZZZZZZ	1		
20:49	MA5734-CCV14	1		
20:53	MA5734-CCB14	1		
20:56	MP12061-MB2A	1		
21:00	ZZZZZZ	1		
21:03	ZZZZZZ	1		
21:07	MP12052-MB1	1		
21:10	MP12052-B1	1		
21:30	MA5734-CCV15	1		
21:34	MA5734-CCB15	1		
21:38	ZZZZZZ	100		
21:57	F49607-8	20		(sample used for QC only; not part of login F49565)
22:01	MP12052-D1	20		
22:04	MP12052-S1	20		
22:07	MP12052-S2	20		
22:11	MA5734-CCV16	1		
22:15	MA5734-CCB16	1		
22:18	ZZZZZZ	10		
22:21	ZZZZZZ	10		
22:25	ZZZZZZ	20		
22:28	F49565-7	20		
22:31	F49565-8	20		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:35	F49565-9	20		
22:38	F49565-10	20		
22:41	MA5734-CCV17	1		
22:45	MA5734-CCB17	1		
22:49	MA5734-CRIA2	1		
22:52	MA5734-CRI2	1		
22:55	MA5734-ICSA2	1		
22:59	MA5734-ICSAB2	1		
23:02	MA5734-CCV18	1		
23:06	MA5734-CCB18	1		
23:09	F49565-1	1		SD14
23:13	MP12055-D1	1		S
23:16	MP12055-SD1	5		
23:19	MP12055-S1	1		
23:23	MP12055-S2	1		
23:26	F49565-2	1		SD15
23:29	F49565-3	1		SD16
23:32	F49565-4	1		SD17
23:36	F49565-5	1		SD18
23:39	F49565-6	1		SD19
---------->	Last reportable sample/prep for job F49565			
23:42	MA5734-CCV19	1		
23:46	MA5734-CCB19	1		
23:50	F49607-5	1		(sample used for QC only; not part of login F49565)
23:53	MP12058-D1	1		
23:56	MP12058-SD1	5		
00:00	MP12058-S1	1		
00:03	MP12058-S2	1		
00:06	ZZZZZZ	1		
00:10	ZZZZZZ	1		
00:13	ZZZZZZ	1		
00:16	ZZZZZZ	1		
00:20	ZZZZZZ	1		
00:23	MA5734-CCV20	1		

7.4
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:13	MA5734-HSTD1	1		
11:16	MA5734-ICV1	1		
11:24	MA5734-ICB1	1		
11:29	MA5734-CRIA1	1		
11:36	MA5734-CRI1	1		
11:42	MA5734-ICSA1	1		
11:44	MA5734-ICSAB1	1		
12:06	MA5734-CCV1	1		
12:10	MA5734-CCB1	1		
12:13	ZZZZZZ	20		
12:17	ZZZZZZ	50		
12:20	ZZZZZZ	10		
12:23	ZZZZZZ	10		
12:27	MP12048-S1	5		
12:30	MP12048-S2	5		
12:33	ZZZZZZ	5		
12:40	ZZZZZZ	5		
12:46	MA5734-CCV2	1		
12:50	MA5734-CCB2	1		
12:54	ZZZZZZ	5		
12:57	ZZZZZZ	2		
13:00	ZZZZZZ	5		
13:03	ZZZZZZ	1		
13:07	ZZZZZZ	1		
13:10	ZZZZZZ	1		
13:13	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:20	MA5734-CCV3	1		
13:24	MA5734-CCB3	1		
13:33	MP12055-MB1	1		
13:37	MP12055-B1	1		
13:41	ZZZZZZ	1		
13:44	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:47	ZZZZZZ	1		
13:51	ZZZZZZ	1		
13:54	ZZZZZZ	1		
13:57	ZZZZZZ	1		
14:00	ZZZZZZ	1		
14:04	ZZZZZZ	1		
14:07	MA5734-CCV4	1		
14:11	MA5734-CCB4	1		
14:14	ZZZZZZ	1		
14:18	ZZZZZZ	1		
14:21	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:28	ZZZZZZ	1		
14:31	ZZZZZZ	1		
14:34	MA5734-CCV5	1		
14:38	MA5734-CCB5	1		
14:55	MP12059-MB1	1		
14:58	MP12059-B1	1		
15:02	F49581-9	1		(sample used for QC only; not part of login F49565)
15:05	MP12059-D1	1		
15:08	MP12059-SD1	5		
15:12	MP12059-S1	1		
15:15	MP12059-S2	1		
15:18	ZZZZZZ	1		
15:21	ZZZZZZ	1		
15:25	ZZZZZZ	1		
15:32	MA5734-CCV6	1		
15:36	MA5734-CCB6	1		
15:50	MA5734-CCV7	1		
15:54	MA5734-CCB7	1		
15:57	ZZZZZZ	1		
16:00	ZZZZZZ	1		
16:04	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:07	ZZZZZZ	1		
16:10	ZZZZZZ	1		
16:13	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:20	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:27	ZZZZZZ	1		
16:30	MA5734-CCV8	1		
16:34	MA5734-CCB8	1		
16:37	ZZZZZZ	1		
16:41	ZZZZZZ	1		
16:44	ZZZZZZ	1		
16:47	ZZZZZZ	1		
16:50	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:58	MP12060-MB1	1		
17:01	MP12060-B1	1		
17:18	F49576-1	1		(sample used for QC only; not part of login F49565)
17:21	MP12060-D1	1		
17:25	MA5734-CCV9	1		
17:29	MA5734-CCB9	1		
17:32	MP12060-SD1	5		
17:35	MP12060-S1	1		
17:39	ZZZZZZ	1		
17:42	ZZZZZZ	1		
17:45	ZZZZZZ	1		
17:49	ZZZZZZ	1		
17:52	MP12060-D2	1		
17:56	MP12060-MB2	1		
17:59	MP12060-B2	1		
18:03	MP12058-MB1	1		
18:07	MA5734-CCV10	1		
18:11	MA5734-CCB10	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:39	MA5736-HSTD1	1		
10:42	MA5736-ICV1	1		
10:51	MA5736-ICB1	1		
10:55	MA5736-ICB2	1		
10:58	MA5736-CRIA1	1		
11:05	MA5736-CRI1	1		
11:07	MA5736-ICSA1	1		
11:13	MA5736-ICSAB1	1		
11:22	MA5736-CCV1	1		
11:28	MA5736-CCB1	1		
11:46	ZZZZZZ	2		
11:50	ZZZZZZ	2		
11:53	ZZZZZZ	2		
11:56	ZZZZZZ	10		
11:59	ZZZZZZ	20		
12:03	ZZZZZZ	10		
12:06	ZZZZZZ	20		
12:09	ZZZZZZ	20		
12:13	ZZZZZZ	1		
12:16	ZZZZZZ	10		
12:19	MA5736-CCV2	1		
12:23	MA5736-CCB2	1		
12:27	ZZZZZZ	100		
12:30	ZZZZZZ	5		
12:33	F49607-8	100		(sample used for QC only; not part of login F49565)
12:36	MP12052-D1	100		
12:40	MP12052-S1	100		
12:43	MP12052-S2	100		
12:46	ZZZZZZ	50		
12:50	ZZZZZZ	100		
12:56	F49565-7	100		
12:59	F49565-8	200		
13:02	MA5736-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:07	MA5736-CCB3	1		
13:10	F49565-9	200		
13:13	F49565-10	100		
13:16	ZZZZZZ	5		
13:20	F49565-1	100		
13:23	F49565-1	5		
13:26	MP12055-D1	50		
13:30	MP12055-D1	10		
13:33	MP12055-S1	10		
13:36	MP12055-S2	10		
13:39	MP12055-S1	5		
13:43	MA5736-CCV4	1		
13:47	MA5736-CCB4	1		
13:50	MP12055-S2	5		
13:53	F49565-2	10		
13:57	F49565-3	5		
14:00	F49565-4	5		
14:03	F49565-5	5		
14:07	F49565-6	5		
14:10	F49607-5	5		(sample used for QC only; not part of login F49565)
14:13	MP12058-D1	5		
14:16	MP12058-S1	5		
14:20	MP12058-S2	5		
14:23	MA5736-CCV5	1		
14:27	MA5736-CCB5	1		
14:30	ZZZZZZ	4		
14:34	ZZZZZZ	4		
14:37	ZZZZZZ	5		
14:40	ZZZZZZ	5		
14:44	MA5736-CCV6	1		
14:48	MA5736-CCB6	1		
15:14	MP12071-MB1	1		
15:17	MP12071-B1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:20	F49758-1	1		(sample used for QC only; not part of login F49565)
15:24	MP12071-D1	1		
15:27	MP12071-SD1	5		
15:30	MP12071-S1	1		
15:33	MP12071-S2	1		
15:37	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:43	ZZZZZZ	1		
15:47	MA5736-CCV7	1		
15:51	MA5736-CCB7	1		
15:54	ZZZZZZ	1		
15:57	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:04	ZZZZZZ	1		
16:07	ZZZZZZ	1		
16:10	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:20	ZZZZZZ	1		
16:24	ZZZZZZ	1		
16:27	MA5736-CCV8	1		
16:31	MA5736-CCB8	1		
16:39	MP12068-MB1	1		
16:42	MP12068-B1	1		
16:46	F49680-1A	1		(sample used for QC only; not part of login F49565)
16:50	MP12068-D1	1		
16:53	MP12068-SD1	5		
16:56	MP12068-S1	1		
16:59	ZZZZZZ	1		
17:03	MP12068-D2	1		
17:07	MP12068-MB2	1		
17:10	MP12068-B2	1		
17:22	MA5736-CCV9	1		
17:26	MA5736-CCB9	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:30	ZZZZZZ	1		
17:33	ZZZZZZ	1		
17:36	ZZZZZZ	1		
17:40	ZZZZZZ	1		
17:43	ZZZZZZ	1		
17:46	ZZZZZZ	1		
17:50	MP12072-MB1	1		
17:54	MP12072-B1	1		
17:57	F49452-16	1		(sample used for QC only; not part of login F49565)
18:00	MP12072-D1	1		
18:03	MA5736-CCV10	1		
18:08	MA5736-CCB10	1		
18:11	MP12072-SD1	5		
18:14	MP12072-S1	1		
18:17	MP12072-S2	1		
18:21	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:31	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:44	MA5736-CCV11	1		
18:48	MA5736-CCB11	1		
18:51	ZZZZZZ	1		
18:54	ZZZZZZ	1		
18:58	ZZZZZZ	1		
19:01	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:08	ZZZZZZ	1		
19:11	ZZZZZZ	1		
19:14	ZZZZZZ	1		
19:17	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:21	ZZZZZZ	1		
19:24	MA5736-CCV12	1		
19:28	MA5736-CCB12	1		
19:32	ZZZZZZ	1		
19:35	ZZZZZZ	1		
19:39	MP12073-MB1	1		
19:42	MP12073-B1	1		
19:46	F49452-23	1		(sample used for QC only; not part of login F49565)
19:49	MP12073-D1	1		
19:52	MP12073-SD1	5		
19:55	MP12073-S1	1		
19:59	MP12073-S2	1		
20:02	ZZZZZZ	1		
20:05	MA5736-CCV13	1		
20:09	MA5736-CCB13	1		
20:13	ZZZZZZ	1		
20:16	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:23	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:29	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:39	ZZZZZZ	1		
20:42	ZZZZZZ	1		
20:46	MA5736-CCV14	1		
20:50	MA5736-CCB14	1		
20:53	ZZZZZZ	1		
20:56	ZZZZZZ	1		
21:00	ZZZZZZ	1		
21:03	ZZZZZZ	1		
21:06	ZZZZZZ	1		
21:10	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:13	ZZZZZZ	1		
21:16	ZZZZZZ	1		
21:20	MP12069-MB1	1		
21:24	MP12069-B1	1		
21:27	MA5736-CCV15	1		
21:31	MA5736-CCB15	1		
21:34	F49612-1	1		(sample used for QC only; not part of login F49565)
21:38	MP12069-D1	1		
21:41	MP12069-SD1	5		
21:44	MP12069-S1	1		
21:48	ZZZZZZ	1		
21:51	ZZZZZZ	1		
21:55	MP12070-MB1	1		
21:58	MP12070-B1	1		
22:02	F49771-1	1		(sample used for QC only; not part of login F49565)
22:05	MP12070-D1	1		
22:08	MA5736-CCV16	1		
22:12	MA5736-CCB16	1		
22:16	MP12070-SD1	5		
22:19	MP12070-S1	1		
22:22	MP12070-S2	1		
22:26	ZZZZZZ	1		
22:29	ZZZZZZ	1		
22:32	ZZZZZZ	1		
22:35	ZZZZZZ	1		
22:39	ZZZZZZ	1		
22:42	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:49	MA5736-CCV17	1		
22:53	MA5736-CCB17	1		
22:56	ZZZZZZ	1		
22:59	ZZZZZZ	1		
23:03	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:06	ZZZZZZ	1		
23:09	ZZZZZZ	1		
23:13	ZZZZZZ	1		
23:16	ZZZZZZ	1		
23:19	ZZZZZZ	1		
23:23	ZZZZZZ	1		
23:26	ZZZZZZ	1		
23:29	MA5736-CCV18	1		
23:33	MA5736-CCB18	1		
23:37	ZZZZZZ	1		
23:40	ZZZZZZ	1		
23:44	MP12074-MB1	1		
23:47	MP12074-B1	1		
23:51	F49640-11	1		(sample used for QC only; not part of login F49565)
23:54	MP12074-D1	1		
23:57	MP12074-SD1	5		
00:01	MP12074-S1	1		
00:04	MP12074-S2	1		
00:07	ZZZZZZ	1		
00:11	MA5736-CCV19	1		
00:15	MA5736-CCB19	1		
00:18	ZZZZZZ	1		
00:21	ZZZZZZ	1		
00:25	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:31	ZZZZZZ	1		
00:35	ZZZZZZ	1		
00:38	ZZZZZZ	1		
00:41	ZZZZZZ	1		
00:45	ZZZZZZ	1		
00:48	ZZZZZZ	1		
00:51	MA5736-CCV20	1		
00:55	MA5736-CCB20	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Cu,Fe,Pb,Mn,Ag,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:59	ZZZZZZ	1		
01:02	ZZZZZZ	1		
01:05	ZZZZZZ	1		
01:09	ZZZZZZ	1		
01:12	ZZZZZZ	1		
01:15	ZZZZZZ	1		
01:18	ZZZZZZ	1		
01:22	ZZZZZZ	1		
01:25	MA5736-CCV21	1		
01:29	MA5736-CCB21	1		
01:33	MA5736-CRIA2	1		
01:36	MA5736-CRI2	1		
01:39	MA5736-ICSA2	1		
01:42	MA5736-ICSAB2	1		
01:46	MP12052-D1	1		
01:49	MP12052-SD1	1		
01:52	MP12052-S1	1		
01:56	MP12052-S2	1		
---------->	Last reportable sample/prep for job F49565			
01:59	MA5736-CCV22	1		
02:03	MA5736-CCB22	1		
02:06	MA5736-CRIA3	1		
02:10	MA5736-CRI3	1		
02:13	MA5736-ICSA3	1		
02:16	MA5736-ICSAB3	1		
02:20	MA5736-CCV23	1		
02:24	MA5736-CCB23	1		
---------->	Last reportable CCB for job F49565			

Refer to raw data for calibration curve and standards.

7.5
7

Instrument Detection Limits

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: TJATRACE2 Effective Date: 11/09/06

Analyte	IDL ug/l
Aluminum	18
Antimony	3.4
Arsenic	2.8
Barium	5
Beryllium	1
Cadmium	1
Calcium	42
Chromium	.6
Cobalt	1
Copper	.9
Iron	12
Lead	1.7
Magnesium	4.3
Manganese	.6
Molybdenum	1.3
Nickel	1
Potassium	10
Selenium	2
Silver	.9
Sodium	500
Thallium	2.3
Tin	3.1
Vanadium	.6
Zinc	1.3

The above applies to the following instrument runs:
MA5732,MA5734,MA5736

Instrument Linear Ranges

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: TJATRACE2 Effective Date: 06/29/06

Analyte	Linear Range ug/l
Aluminum	500000
Antimony	25000
Arsenic	25000
Barium	25000
Beryllium	25000
Cadmium	25000
Calcium	500000
Chromium	25000
Cobalt	25000
Copper	25000
Iron	500000
Lead	25000
Magnesium	500000
Manganese	25000
Molybdenum	25000
Nickel	25000
Potassium	80000
Selenium	25000
Silver	1000
Sodium	80000
Thallium	25000
Tin	25000
Vanadium	25000
Zinc	25000

The above applies to the following instrument runs:
MA5732,MA5734,MA5736

MP12055

Metals Digestion Log: Soil

Method of Digestion: SW846-3050B

Temp: 4° Thermometer ID 207

Balance ID NAVI

Added**:	HNO_3	HCl	H_2O_2	Filter Lot P636
Mfg:	Fisher/Baker	Fisher/Baker	Fisher	Dig.Tube Lot#
Lot#	E04030	C500060	068161	339918035361108

Sample #	Wt., g	Fin. Vol.	Date	Comments	Spk.Sol.*	Amount Used*
MB 05/23/07	1.03	50 mL	05/23/07		1 Ag 457	0.5mL
SB 05/23/07	1.00				2 Ag 453	0.25ml
MS F49565-1.1	1.02				3 Mix 2353	0.25ml
MSD F49565-1.1	1.00					
Dup F49565-1.1	1.00					
1 QC F49565-1.1	1.00					
2 F49565-2.1	1.00					
3 F49565-3.1	1.02					
4 F49565-4.1	1.00					
5 F49565-5.1	1.05					
6 F49565-6.1	1.01					
7 F49742-1.2	1.01					
8 F49595-1.1	1.00					
9 F49595-2.1	1.03					
10 F49595-3.1	1.01					
11 F49595-4.1	1.00					
12 F49595-5.1	1.05					
13 F49595-6.1	1.00					
14 F49595-7.1	1.00					
15 F49595-8.1	1.05					
16 F49595-9.1	1.03					
17 F49453-14.1	1.05					
18 F49453-15.1	1.02					
19 F49453-16.1	1.02					
20 F49453-17.1	1.00					

Analyst Stacey Reed Date 05/23/07

QC Review [signature] Date 05/23/07

* Used For SB, MS, MSD

**For reagent volume used consult SOP MET104, current revision

Rev. 02/06/07 SI

Accutest SE

16

8.6.4 8

Mercury Digestion Log Water or ~~Soil~~ or TCLP
(circle one)

Method of Digestion: SW846-7470A/~~7471A~~/EPA245.1 (circle one)

Temp., C: 94°C

Analyst: WS

Thermometer #: 206

Date/Time Started*: 5/18/07 0800

Date/Time Ended*: 5/18/07 0830

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 12015

Reagents Added**	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	~~Fisher/Baker~~	~~Fisher/Baker~~	Fisher/Baker	Baker	Baker	Sigma	Baker/Sigma
Lot#	E04630	C50060	N/A	MET 2350	N/A	107K3EE	MET 2347
Dig.Tube Lot#	33591802	3261108					

5/18/07

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL				See pg #89 S-FOR CURVE INFO
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV			5/18/07	
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank	0.60		50	
Blank Spike	0.60			
MS ~~F49620-20~~	0.69			F49607-5.1
MSD	0.65			↓
Dup	0.62			F49607-5.1
1QC ~~F49620-20~~	0.69			
2 F49620-21.1	0.64			
3 -23.1	0.70			
4 -24.1	0.70			
5 -25.1	0.65			
6 F49620-26.1	0.66			
7 F49063-13R.1	0.68			
8 F49063-14R.1	0.68			
9 F49565-1.1	0.61			
10 -2.1	0.64			
11 -3.1	0.64			
12 -4.1	0.66			
13 -5.1	0.66			
14 F49565-6.1	0.67			
15 F49607-1.1	0.66			
16 -2.1	0.70			
17 -3.1	0.67			
18 -4.1	0.66			
19 F49607-9.1	0.70			
20 F49620-20.1	0.63			

Analysts Signature: [signature] 5/18/07

Rev. Signature: [signature] 05/18/07

10ppm int. met# 2312

10ppm 2nd met# 2313

100ppb(curve,bs,ms,msd,cri,ccv)met# 2344

100ppb 2nd(ICV) met# 2345

** For reagent volume used consult SOP MET105 or MET106, current revision

Rev. 04/24/07 SI

Mercury Digestion Log Water or Soil or TCLP
(circle one)

Method of Digestion: SW846-7470A/7471A/EPA245.1
(circle one)

Temp., C: 95°C

Analyst: MS

Thermometer #: 105

Date/Time Started*: 5/18/07 0700

Date/Time Ended*: 5/18/07 0900

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 12018

Reagents Added**	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	Fisher/Baker	Fisher/Baker	Fisher/Baker	Baker	Baker	Sigma	Baker/Sigma
Lot#	604030	N/A	3/060410	MET2350	MET2343	107032EE	MET2347
Dig.Tube Lot#	3349/180358	41108					

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL				See pg#91 for curve INFO
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV		(A) 5/18/07		
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank		50	50	
Blank Spike		↓	↓	
MS F49607-8.3				
MSD				(B) 5/18/07
Dup F49607-8.3		50	50	
1QC ↓				
2 F49565-7.3				
3 ↓ -8.3				
4 ↓ -9.2				
5 F49565-10.2				
6 F49607-6.2				
7 ↓ -7.3				
8 F49607-10.3				
9 F49492-2.4		1.00	↓	
10				
11				
12				
13				
14				
15				
16		(A) 5/18/07		
17				
18				
19				
20				

Analysts Signature: [signature]

Rev. Signature: [signature] 5/18/07

10ppm int. met# 2312

10ppm 2nd met# 2313

100ppb(curve,bs,ms,msd,cri,ccv)met# 2344

100ppb 2nd(ICV) met# 2345

** For reagent volume used consult SOP MET105 or MET106, current revision

Rev. 04/24/07 SI

MP12052

Metals Digestion Log: Water

Method of Digestion: SW846-3010A/3005A/EPA 200.7/3030C (CIRCLE ONE) Temp: 95° C Thermometer ID 207

	Spk. Sol.*	Amount Used*
1	Acc 457	0.5 ml
2	Acc 453	0.25 ml
3	mix 2353	0.25 ml

Added:**	HNO_3	HCl	
Mfg:	Fisher/Baker	Fisher/Baker	
Lot#	E04030	C50060	Digestion Tube Lot# 339918025261103

Sample #	Init. Vol/Wt	Fin. Vol/Wt	Date	Comments
MB 05/22/07	50 mL	50 ml	05/22/07	
SB 05/22/07				
MS F49607-8.4				
MSD F49607-8.4				
Dup F49607-8.4				
1 QC F49607-8.4				
2 F49607-6.3				
3 F49607-7.3				
4 F49607-10.3				
5 F49565-7.3				
6 F49565-8.3				
7 F49565-9.3				
8 F49565-10.3				
9 F49572-1.4				
10 F49577-1.9				
11 F49587-1.9				
12 F49593-3.8				
13 F49593-4.8				
14 F49592-4.7				
15 F49592-5.7				
16 F49592-6.7				
17 F49592-7.7				
18 F49608-1.24				
19 F49622-1.1				
20 F49622-2.1				

Analyst Stacy Reed Date 05/22/07

QC Review [signature] Date 05/22/07

* Used For SB, MS, MSD

**For volume of acid added consult SOP MET103, current revision

Rev. 02/06/07 SI

Accutest SE

46

8.6.3 8

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP9414/GN25791	2.0	<2.0	mg/l	50	52.9	105.8	90-110%
Color, Apparent	GN25493	5	<5	CU				
Nitrogen, Nitrate	GP9414/GN25791	0.10	<0.10	mg/l	2.5	2.64	105.6	90-110%
Solids, Total Dissolved	GN25531	100	<100	mg/l				
Sulfate	GP9414/GN25791	2.0	<2.0	mg/l	50	53.9	107.8	90-110%

Associated Samples:
Batch GN25493: F49565-10, F49565-7, F49565-8, F49565-9
Batch GN25531: F49565-10, F49565-7, F49565-8, F49565-9
Batch GP9414: F49565-10, F49565-7, F49565-8, F49565-9
(*) Outside of QC limits

Apparent Color

Method: 110.2

RL: 5 CU

Date: 5/16/07 Time: 14:15

GN 25493

Sample ID.Bottle#	Result	Dilution	Final Results	RL	pH	Inst. ID	Comments
CCV	30	–	30	5		3169	
MB	ϕ	–	ϕ	5			
F49565-7.1	60	–	60	5	6.88		DC 209
7.1 Dup	60	–	60	5	6.88		
-8.1	50	2	100	10	6.80		
-9.1	35	2	70	10	7.07		
-10.1	30	5	150	25	6.98		
CCV	30	–	30	5			

5/16/07

Analyst Signature: _____ Date: 5/16/07

QC Reviewer: _____ Date: 5/17/07

10.1.1 10

Instrument QC Summary
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT

Date Analyzed: 05/31/07
Run ID: GN25791

Methods: EPA 300/SW846 9056
Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN25791-ICV1	Chloride	50.6	2.0	1.0	50	101.0	90-110
GN25791-ICB1	Chloride	1.0 U	2.0	1.0			
GN25791-CCV1	Chloride	51.7	2.0	1.0	50	103.0	90-110
GN25791-CCB1	Chloride	1.0 U	2.0	1.0			
GN25791-CCV2	Chloride	54.6	2.0	1.0	50	109.0	90-110
GN25791-CCB2	Chloride	1.0 U	2.0	1.0			
GN25791-CCV3	Chloride	55.1	2.0	1.0	50	110.0	90-110
GN25791-CCB3	Chloride	1.0 U	2.0	1.0			
GN25791-CCV4	Chloride	55.2	2.0	1.0	50	110.0	90-110
GN25791-CCB4	Chloride	1.0 U	2.0	1.0			

(!) Outside of QC limits

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT Date Analyzed: 05/31/07 Methods: EPA 300/SW846 9056
Analyst: MP Run ID: GN25791
Parameters: Chloride

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:08	GN25791-ICV1	1		
14:26	GN25791-ICB1	1		
14:44	GN25791-CCV1	1		
15:03	GN25791-CCB1	1		
15:39	GP9414-MB1	1		
15:58	GP9414-B1	1		
16:16	ZZZZZZ	1		
16:35	ZZZZZZ	1		
16:53	F49756-3	1		(sample used for QC only; not part of login F49565)
17:12	F49756-4	1		(sample used for QC only; not part of login F49565)
17:30	ZZZZZZ	1		
17:48	ZZZZZZ	1		
18:06	ZZZZZZ	1		
18:25	GN25791-CCV2	1		
18:44	GN25791-CCB2	1		
19:02	ZZZZZZ	1		
19:21	ZZZZZZ	1		
19:39	F49565-7	100		
19:58	F49565-8	100		
20:16	F49565-9	100		
20:34	F49565-10	100		
20:53	ZZZZZZ	50		
21:11	ZZZZZZ	50		
21:30	ZZZZZZ	100		
21:48	ZZZZZZ	100		
22:06	GN25791-CCV3	1		
22:25	GN25791-CCB3	1		
22:43	ZZZZZZ	1		
23:02	ZZZZZZ	1		
23:20	ZZZZZZ	1		
23:38	GP9414-D1	1		
23:57	GP9414-S1	1		
00:15	GP9414-D2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49565
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT
Analyst: MP
Parameters: Chloride

Date Analyzed: 05/31/07
Run ID: GN25791

Methods: EPA 300/SW846 9056

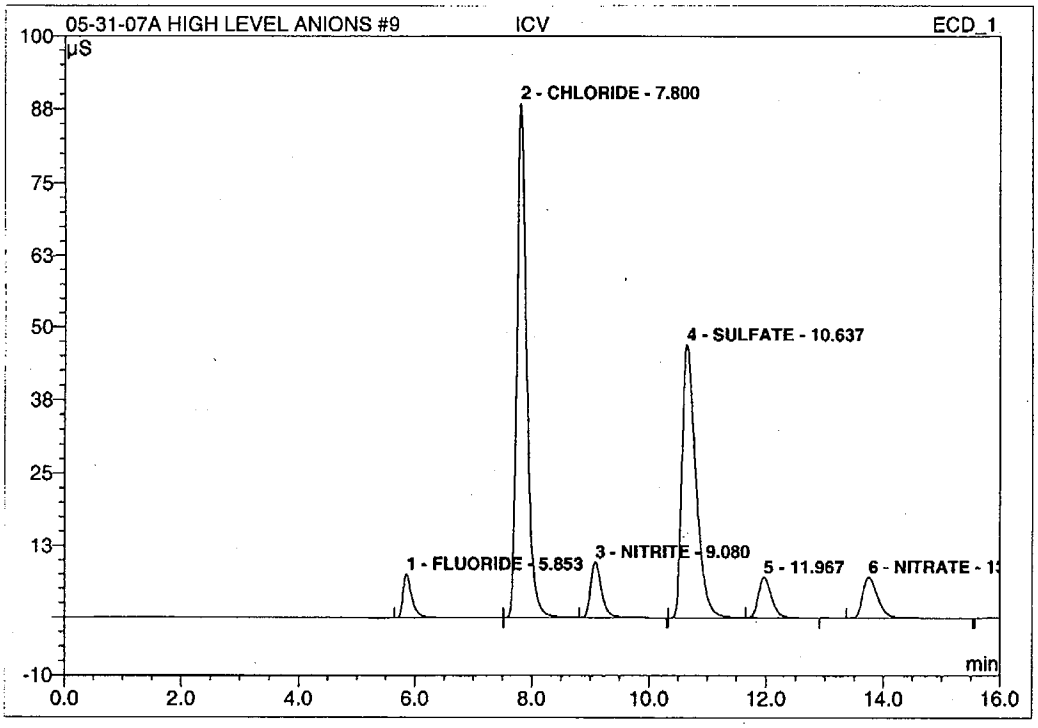
Time	Sample Description	Dilution Factor	PS Recov	Comments
00:33	GP9414-S2	1		
01:10	GN25791-CCV4	1		
01:29	GN25791-CCB4	1		

Refer to raw data for calibration curve and standards.

9.4
9

9 ICV

Sample Name:	**ICV**	*Injection Volume:*	**12.5**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**ANIONS**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/31/2007 14:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**16.00**	*Sample Amount:*	**1.0000**



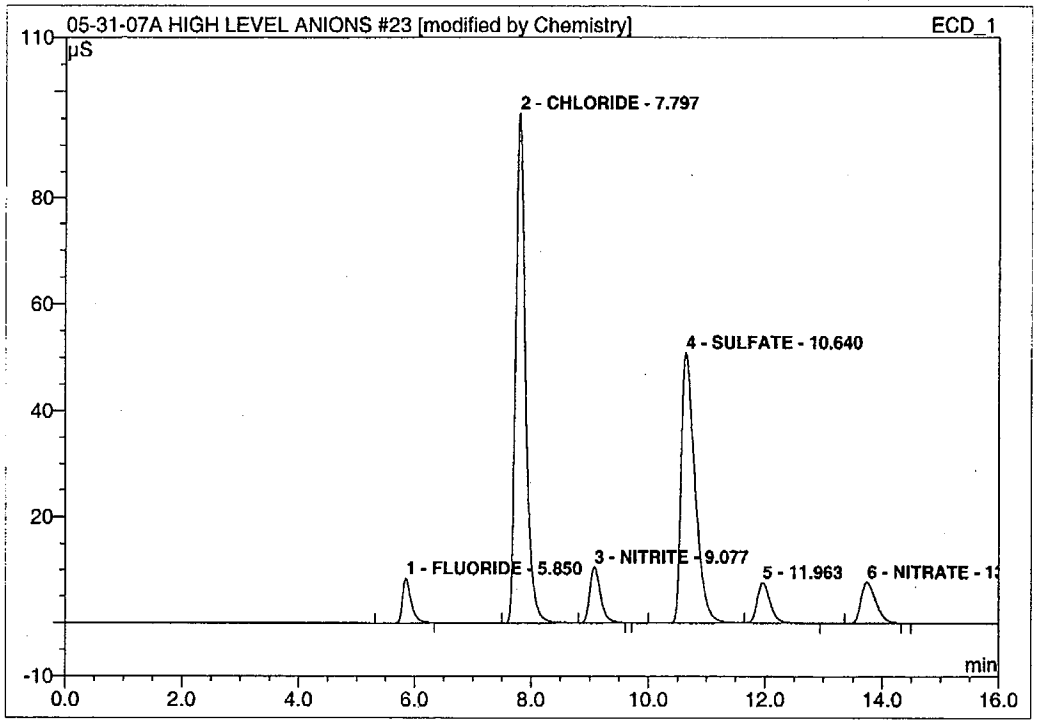
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount mg\L	Type	%R
1	5.85	FLUORIDE	7.638	1.383	3.63	2.417	BM	
2	7.80	CHLORIDE	88.539	17.451	45.87	50.615	M	101.2%
3	9.08	NITRITE	9.732	2.107	5.54	2.448	Rd	97.9%
4	10.64	SULFATE	47.012	13.189	34.66	51.467	MB	102.9%
5	11.97	n.a.	6.986	1.779	4.68	n.a.	Rd	
6	13.75	NITRATE	7.094	2.138	5.62	2.541	Rd	101.6%
Total:			167.001	38.048	100.00	109.489		

default/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.60 Build 1428

23 CCV 3

Sample Name:	**CCV**	*Injection Volume:*	**12.5**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**ANIONS**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/31/2007 18:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**16.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount mg\L	Type
1	5.85	FLUORIDE	8.371	1.445	3.54	2.525	BMB*
2	7.80	CHLORIDE	95.921	18.828	46.14	54.611	BMB*
3	9.08	NITRITE	10.506	2.242	5.49	2.605	Rd*
4	10.64	SULFATE	50.867	14.092	34.53	54.989	BMB*
5	11.96	n.a.	7.583	1.931	4.73	n.a.	Rd
6	13.74	NITRATE	7.680	2.268	5.56	2.695	Rd*
Total:			180.927	40.805	100.00	117.425	

% R
109.2
104.2
110.0
107.8

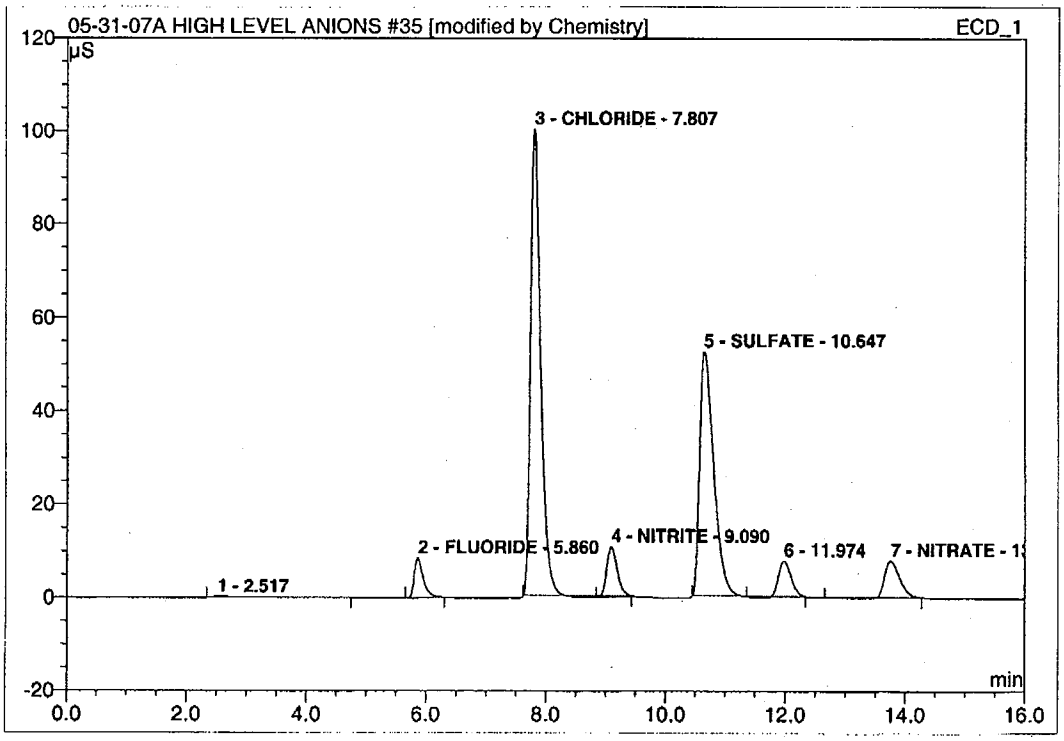
default/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.60 Build 1428

10.1.3 10

35 CCV 4

Sample Name:	**CCV**	*Injection Volume:*	**12.5**
Vial Number:	**37**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**ANIONS**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANIONS**	*Dilution Factor:*	**1.0000**
Recording Time:	**5/31/2007 22:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**16.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount mg\L	Type	
1	2.52	n.a.	0.175	0.074	0.18	n.a.	BMB	
2	5.86	FLUORIDE	8.641	1.483	3.64	2.591	BMB*	
3	7.81	CHLORIDE	99.908	19.013	46.72	55.147	BMB*	110.3%
4	9.09	NITRITE	10.806	2.239	5.50	2.602	Rd*	104.1%
5	10.65	SULFATE	52.327	13.776	33.85	53.756	BMB*	107.5%
6	11.97	n.a.	7.732	1.821	4.47	n.a.	Rd*	
7	13.75	NITRATE	7.998	2.289	5.62	2.720	Rd*	108.8%
Total:			187.587	40.694	100.00	116.816		

default/Integration

Chromeleon (c) Dionex 1996-2001
Version 6.60 Build 1428

Sequence: 05-31-07A HIGH LEVEL ANIONS
Operator: Chemistry
Printed: 6/1/2007 10:07:19 AM

Title: HIGH LEVELS
Datasource: FLCHMIC2_local
Location: ICS-2000\My Sequences\ANIONS\ANIONS 2007
Timebase: FLCHMIC2_1
#Samples: 46
Created: 5/31/2007 11:19:57 AM by Chemistry
Last Update: 5/31/2007 11:23:44 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
1	BLANK	Unknown	1	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:41:13 AM	1.0000
2	STD A	Standard	2	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:59:40 AM	1.0000
3	STD B	Standard	3	12.5	ANIONS	ANIONS	Finished	5/31/2007 12:18:07 PM	1.0000
4	STD C	Standard	4	12.5	ANIONS	ANIONS	Finished	5/31/2007 12:36:34 PM	1.0000
5	STD D	Standard	5	12.5	ANIONS	ANIONS	Finished	5/31/2007 12:55:01 PM	1.0000
6	STD E	Standard	6	12.5	ANIONS	ANIONS	Finished	5/31/2007 1:13:04 PM	1.0000
7	STD F	Standard	7	12.5	ANIONS	ANIONS	Finished	5/31/2007 1:31:23 PM	1.0000
8	STD G	Standard	8	12.5	ANIONS	ANIONS	Finished	5/31/2007 1:49:45 PM	1.0000
9	ICV	Unknown	9	12.5	ANIONS	ANIONS	Finished	5/31/2007 2:08:06 PM	1.0000
10	ICB	Unknown	10	12.5	ANIONS	ANIONS	Finished	5/31/2007 2:26:28 PM	1.0000
11	CCV	Unknown	11	12.5	ANIONS	ANIONS	Finished	5/31/2007 2:44:50 PM	1.0000
12	CCB	Unknown	12	12.5	ANIONS	ANIONS	Finished	5/31/2007 3:03:12 PM	1.0000
13	CCV2	Unknown	13	12.5	ANIONS	ANIONS	Finished	5/31/2007 3:21:33 PM	1.0000
14	[redacted]	Unknown	14	12.5	ANIONS	ANIONS	Finished	5/31/2007 3:39:55 PM	1.0000
15	[redacted]	Unknown	15	12.5	ANIONS	ANIONS	Finished	5/31/2007 3:58:17 PM	1.0000
16	[redacted]	Unknown	16	12.5	ANIONS	ANIONS	Finished	5/31/2007 4:16:38 PM	1.0000
17	[redacted]	Unknown	17	12.5	ANIONS	ANIONS	Finished	5/31/2007 4:35:00 PM	1.0000
18	[redacted]	Unknown	18	12.5	ANIONS	ANIONS	Finished	5/31/2007 4:53:21 PM	1.0000
19	[redacted]	Unknown	19	12.5	ANIONS	ANIONS	Finished	5/31/2007 5:12:04 PM	1.0000
20	[redacted]	Unknown	20	12.5	ANIONS	ANIONS	Finished	5/31/2007 5:30:31 PM	1.0000
21	[redacted]	Unknown	21	12.5	ANIONS	ANIONS	Finished	5/31/2007 5:48:34 PM	1.0000
22	[redacted]	Unknown	22	12.5	ANIONS	ANIONS	Finished	5/31/2007 6:06:53 PM	1.0000
23	CCV3	Unknown	23	12.5	ANIONS	ANIONS	Finished	5/31/2007 6:25:58 PM	1.0000
24	CCB	Unknown	24	12.5	ANIONS	ANIONS	Finished	5/31/2007 6:44:27 PM	1.0000
25	[redacted]	Unknown	25	12.5	ANIONS	ANIONS	Finished	5/31/2007 7:02:48 PM	1.0000
26	[redacted]	Unknown	26	12.5	ANIONS	ANIONS	Finished	5/31/2007 7:21:14 PM	1.0000
27	[redacted]	Unknown	27	12.5	ANIONS	ANIONS	Finished	5/31/2007 7:39:37 PM	100.0000
28	[redacted]	Unknown	28	12.5	ANIONS	ANIONS	Finished	5/31/2007 7:58:01 PM	100.0000
29	[redacted]	Unknown	29	12.5	ANIONS	ANIONS	Finished	5/31/2007 8:16:25 PM	100.0000
30	[redacted]	Unknown	32	12.5	ANIONS	ANIONS	Finished	5/31/2007 8:34:50 PM	100.0000
31	[redacted]	Unknown	33	12.5	ANIONS	ANIONS	Finished	5/31/2007 8:53:15 PM	50.0000
32	[redacted]	Unknown	34	12.5	ANIONS	ANIONS	Finished	5/31/2007 9:11:39 PM	50.0000
33	[redacted]	Unknown	35	12.5	ANIONS	ANIONS	Finished	5/31/2007 9:30:03 PM	100.0000
34	[redacted]	Unknown	36	12.5	ANIONS	ANIONS	Finished	5/31/2007 9:48:28 PM	100.0000
35	CCV4	Unknown	37	12.5	ANIONS	ANIONS	Finished	5/31/2007 10:06:53 PM	1.0000
36	CCB	Unknown	37	12.5	ANIONS	ANIONS	Finished	5/31/2007 10:25:15 PM	1.0000
37	[redacted]	Unknown	37	12.5	ANIONS	ANIONS	Finished	5/31/2007 10:43:38 PM	1.0000
38	[redacted]	Unknown	38	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:02:02 PM	1.0000
39	[redacted]	Unknown	39	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:20:25 PM	1.0000
40	[redacted]	Unknown	40	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:38:49 PM	1.0000
41	[redacted]	Unknown	41	12.5	ANIONS	ANIONS	Finished	5/31/2007 11:57:12 PM	1.0000
42	[redacted]	Unknown	44	12.5	ANIONS	ANIONS	Finished	6/1/2007 12:15:36 AM	1.0000

GP 9414.

Chromeleon © Dionex Corporation, Version 6.60 Build 1428

10.1.3 10

Title: HIGH LEVELS
Datasource: FLCHMIC2_local
Location: ICS-2000\My Sequences\ANIONS\ANIONS 2007
Timebase: FLCHMIC2_1
#Samples: 46
Created: 5/31/2007 11:19:57 AM by Chemistry
Last Update: 5/31/2007 11:23:44 AM by Chemistry

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time	Dil. Factor
43	[redacted]	Unknown	45	12.5	ANIONS	ANIONS	Finished	6/1/2007 12:33:59 AM	1.0000
44	CCVA	Unknown	46	12.5	ANIONS	ANIONS	Finished	6/1/2007 12:52:22 AM	1.0000
45	CCV	Unknown	47	12.5	ANIONS	ANIONS	Finished	6/1/2007 1:10:46 AM	1.0000
46	CCB	Unknown	48	12.5	ANIONS	ANIONS	Finished	6/1/2007 1:29:09 AM	1.0000

Chromeleon © Dionex Corporation, Version 6.60 Build 1428

Percent Solids Raw Data Summary

Job Number: F49565
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: F49565-1	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-14-00-0507			
Wet Weight (Total)	9.05	g	
Tare Weight	1.09	g	
Dry Weight (Total)	7.31	g	
Solids, Percent	78.1	%	
Sample: F49565-2	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-15-00-0507			
Wet Weight (Total)	7.73	g	
Tare Weight	1.06	g	
Dry Weight (Total)	5.64	g	
Solids, Percent	68.7	%	
Sample: F49565-3	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-16-00-0507			
Wet Weight (Total)	11.75	g	
Tare Weight	1.02	g	
Dry Weight (Total)	5.51	g	
Solids, Percent	41.8	%	
Sample: F49565-4	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-17-00-0507			
Wet Weight (Total)	8.57	g	
Tare Weight	1.05	g	
Dry Weight (Total)	3.26	g	
Solids, Percent	29.4	%	
Sample: F49565-5	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-18-00-0507			
Wet Weight (Total)	9.17	g	
Tare Weight	1.03	g	
Dry Weight (Total)	3.11	g	
Solids, Percent	25.6	%	
Sample: F49565-6	Analyzed: 21-MAY-07 by JAC		Method: EPA 160.3 M
ClientID: S1-SD-19-00-0507			
Wet Weight (Total)	9.89	g	
Tare Weight	1.03	g	
Dry Weight (Total)	4.95	g	
Solids, Percent	44.2	%	

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**AUGUST 21, 2007**
FROM:	**TERRI L. SOLOMON**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – APPENDIX IX SVOA**
CTO 044 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – F49607

SAMPLES: 6/Sediment

S1-FD-051607-01	S1-SD-20-00-0507
S1-SD-21-00-0507	S1-SD-22-00-0507
S1-SD-23-00-0507	S1-SD-24-00-0507

Overview

The sample set for NAS Key West, CTO 044, SDG F49607, consists of six (6) sediment environmental samples. One (1) field duplicate pair (S1-SD-24-00-0507 / S1-FD-051607-01) is included within this SDG.

All soil samples were analyzed for Appendix IX semivolatile organic compounds (SVOC). The samples were collected by Tetra Tech NUS on May 16, 2007 and analyzed by PACE Analytical – New Orleans Laboratory under Naval Facilities Engineering Service Center (NFESC) Quality Assurance / Quality Control (QA/QC) criteria. SVOV analyses were conducted using SW-846 method 8270.

These data were evaluated based on the following parameters:

- Data Completeness
* • Holding Times
- Initial and Continuing Calibrations
* • Laboratory Method Blank Analyses
* • Field Duplicate Results
- Detection Limits

* - All quality control criteria were met for this parameter.

SVOCs

The sample IDs on the Form Is are reported from a chain of custody received from Accutest laboratories. The Form Is were amended with the corresponding original Tetra Tech IDs.

The initial calibration percent relative standard deviation on 11/07/06 instrument 5973N for 4-nitroquinoline-1-oxide was > 30% quality control limit. No validation actions were warranted as all sample results were nondetects.

The continuing calibration relative response factor on 6/04/07 11:01 instrument 5973N for hexachlorophene was < 0.05 quality control limit affecting all samples. The nondetected results reported for hexachlorophene were qualified as rejected, "UR".

Continuing calibration percent differences on 6/04/07 11:01 instrument 5973N for 3,3'-dimethylbenzidine was > 90% quality control limit affecting all samples. The nondetected results reported for 3,3'-dimethylbenzidine were qualified as estimated, "UJ".

Continuing calibration percent differences on 6/04/07 10:30 and 11:01 instrument 5973N for 4-chloroaniline, 3-nitroaniline, 2,4-dinitrophenol, 4-nitrophenol, N-nitrosodiethylamine, N-nitrosopiperidine, hexachloropropene, p-phenylenediamine, 1,2,4,5-tetrachlorobenzene, 1,4-naphthoquinone, 1-naphthylamine, 2-naphthylamine, 1,3,5-trinitrobenzene, 4-aminobiphenyl, pentachloronitrobenzene, methapyrilene, aramite, 2-acetylaminofluorene, 7,12-dimethylbenz(a)anthracene and hexachlorophene were > 25% but < 90% quality control limit affecting all samples. No validation actions were warranted as all results in the affected samples were nondetects.

The laboratory did not analyze for the following compounds as stated in the laboratory statement of work: chlorobenzilate, diallate, dimethoate, diphenylamine (co-elutes with N-nitrosodiphenylamine), isodrin, sulfotepp and thionazin.

The laboratory did not meet the detection limits for several parameters as stated in the laboratory statement of work.

The reviewer discovered that the laboratory did not include Method Detection Limits (MDLs) for many of the Appendix IX compounds in the database. Additionally, the lab Form Is were reported to Practical Quantitation Limits (PQLs) not MDLs as required. Therefore, the data reviewer substituted MDLs for all nondetected analytes, when present in the database, for the PQLs to comply with Florida reporting protocol. For those compounds without MDLs, the results will remain reported to the PQLs.

The laboratory reported sample results on a wet weight basis. The reviewer amended the data to reflect the results on a dry weight basis.

The following samples contained percent solids <30%: S1-FD-051607-01, S1-SD-20-00-0507, S1-SD-21-00-0507, S1-SD-23-00-0507, and S1-SD-24-00-0507. Detection limits are elevated in the aforementioned samples as a result of the low percent solids content. Furthermore, nondetected results in the aforementioned samples were qualified as estimated, "UJ", due to the low percent solids content.

Executive Summary

Laboratory Performance: The continuing calibration relative response factor on 6/04/07 11:01 instrument 5973N for hexachlorophene was < 0.05 quality control limit affecting all samples. Continuing calibration percent differences on 6/04/07 11:01 instrument 5973N for 3,3'-dimethylbenzidine was > 90% quality control limit affecting all samples.

Other Factors Affecting Data Quality: Samples S1-FD-051607-01, S1-SD-20-00-0507, S1-SD-21-00-0507, S1-SD-23-00-0507, and S1-SD-24-00-0507 contained percent solids <30% which elevated detection limits and resulted in qualification of nondetected results due to the low percent solids content.

The data for these analyses were reviewed with reference to the "EPA Functional Guidelines for Organic Data Validation", October 1999, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories", January 2006.

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Terri L. Solomon
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:
1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS-GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O - Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DOT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-FD-051607-01
samp_date	5/16/2007
lab_id	F49607-9
qc_type	NM
units	UG/KG
Pct_Solids	22.6
DUP_OF:	S1-SD-24-00-0507

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	291	UJ	Y
1,2,4-TRICHLOROBENZENE	373	UJ	Y
1,2-DICHLOROBENZENE	359	UJ	Y
1,3,5-TRINITROBENZENE	1460	UJ	Y
1,3-DICHLOROBENZENE	367	UJ	Y
1,3-DINITROBENZENE	1460	UJ	Y
1,4-DICHLOROBENZENE	358	UJ	Y
1,4-NAPHTHOQUINONE	7389	UJ	Y
1,4-PHENYLENEDIAMINE	1460	UJ	Y
1-NAPHTHYLAMINE	1460	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	324	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	1460	UJ	Y
2,4,5-TRICHLOROPHENOL	180	UJ	Y
2,4,6-TRICHLOROPHENOL	181	UJ	Y
2,4-DICHLOROPHENOL	231	UJ	Y
2,4-DIMETHYLPHENOL	205	UJ	Y
2,4-DINITROPHENOL	708	UJ	Y
2,4-DINITROTOLUENE	207	UJ	Y
2,6-DICHLOROPHENOL	1460	UJ	Y
2,6-DINITROTOLUENE	226	UJ	Y
2-ACETYLAMINOFLUORENE	1460	UJ	Y
2-CHLORONAPHTHALENE	277	UJ	Y
2-CHLOROPHENOL	305	UJ	Y
2-METHYLNAPHTHALENE	325	UJ	Y
2-METHYLPHENOL	259	UJ	Y
2-NAPHTHYLAMINE	1460	UJ	Y
2-NITROANILINE	233	UJ	Y
2-NITROPHENOL	293	UJ	Y
2-PICOLINE	1460	UJ	Y
3&4-METHYLPHENOL	235	UJ	Y
3,3'-DICHLOROBENZIDINE	1137	UJ	CY
3,3'-DIMETHYLBENZIDINE	1460	UJ	Y

nsample	S1-FD-051607-01
samp_date	5/16/2007
lab_id	F49607-9
qc_type	NM
units	UG/KG
Pct_Solids	22.6
DUP_OF:	S1-SD-24-00-0507

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	1460	UJ	Y
3-NITROANILINE	1111	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	220	UJ	Y
4-AMINOBIPHENYL	1460	UJ	Y
4-BROMOPHENYL PHENYL ETHER	211	UJ	Y
4-CHLORO-3-METHYLPHENOL	197	UJ	Y
4-CHLOROANILINE	1159	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	212	UJ	Y
4-NITROANILINE	496	UJ	Y
4-NITROPHENOL	216	UJ	Y
4-NITROQUINOLINE-1-OXIDE	1460	UJ	Y
5-NITRO-O-TOLUIDINE	1460	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	1473	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	1460	UJ	Y
ACENAPHTHENE	235	UJ	Y
ACENAPHTHYLENE	226	UJ	Y
ACETOPHENONE	436	UJ	Y
ANILINE	1434	UJ	Y
ANTHRACENE	238	UJ	Y
ARAMITE	1460	UJ	Y
BENZO(A)ANTHRACENE	235	UJ	Y
BENZO(A)PYRENE	242	UJ	Y
BENZO(B)FLUORANTHENE	245	UJ	Y
BENZO(G,H,I)PERYLENE	261	UJ	Y
BENZO(K)FLUORANTHENE	265	UJ	Y
BENZYL ALCOHOL	288	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	308	UJ	Y
BIS(2-CHLOROETHYL)ETHER	344	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	381	UJ	Y
BUTYL BENZYL PHTHALATE	326	UJ	Y
CHRYSENE	399	UJ	Y
DIBENZO(A,H)ANTHRACENE	265	UJ	Y

nsample	S1-FD-051607-01
samp_date	5/16/2007
lab_id	F49607-9
qc_type	NM
units	UG/KG
Pct_Solids	22.6
DUP_OF:	S1-SD-24-00-0507

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	214	UJ	Y
DIETHYL PHTHALATE	250	UJ	Y
DIMETHYL PHTHALATE	217	UJ	Y
DI-N-BUTYL PHTHALATE	257	UJ	Y
DI-N-OCTYL PHTHALATE	385	UJ	Y
DINOSEB	138	UJ	Y
ETHYL METHANE SULFONATE	1460	UJ	Y
FLUORANTHENE	250	UJ	Y
FLUORENE	214	UJ	Y
HEXACHLOROBENZENE	231	UJ	Y
HEXACHLOROBUTADIENE	371	UJ	Y
HEXACHLOROCYCLOPENTADIENE	273	UJ	Y
HEXACHLOROETHANE	381	UJ	Y
HEXACHLOROPHENE	1460	UR	C
HEXACHLOROPROPENE	1460	UJ	Y
INDENO(1,2,3-CD)PYRENE	249	UJ	Y
ISOPHORONE	323	UJ	Y
ISOSAFROLE	1460	UJ	Y
METHAPYRILENE	1460	UJ	Y
METHYL METHANE SULFONATE	1460	UJ	Y
NAPHTHALENE	337	UJ	Y
NITROBENZENE	365	UJ	Y
N-NITROSODIETHYLAMINE	1460	UJ	Y
N-NITROSODIMETHYLAMINE	153	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	1460	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	378	UJ	Y
N-NITROSODIPHENYLAMINE	196	UJ	Y
N-NITROSOMETHYLETHYLAMINE	1460	UJ	Y
N-NITROSOMORPHOLINE	1460	UJ	Y
N-NITROSOPIPERIDINE	1460	UJ	Y
N-NITROSOPYRROLIDINE	1460	UJ	Y
O-TOLUIDINE	1460	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-FD-051607-01
samp_date	5/16/2007
lab_id	F49607-9
qc_type	NM
units	UG/KG
Pct_Solids	22.6
DUP_OF:	S1-SD-24-00-0507

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	1460	UJ	Y
PENTACHLOROBENZENE	1460	UJ	Y
PENTACHLOROETHANE	1460	UJ	Y
PENTACHLORONITROBENZENE	1460	UJ	Y
PENTACHLOROPHENOL	1106	UJ	Y
PHENACETIN	1460	UJ	Y
PHENANTHRENE	229	UJ	Y
PHENOL	308	UJ	Y
PRONAMIDE	1460	UJ	Y
PYRENE	289	UJ	Y
PYRIDINE	1106	UJ	Y
SAFROLE	1460	UJ	Y

nsample	S1-SD-20-00-0507
samp_date	5/16/2007
lab_id	F49607-1
qc_type	NM
units	UG/KG
Pct_Solids	13.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	473	UJ	Y
1,2,4-TRICHLOROBENZENE	606	UJ	Y
1,2-DICHLOROBENZENE	584	UJ	Y
1,3,5-TRINITROBENZENE	2374	UJ	Y
1,3-DICHLOROBENZENE	596	UJ	Y
1,3-DINITROBENZENE	2374	UJ	Y
1,4-DICHLOROBENZENE	582	UJ	Y
1,4-NAPHTHOQUINONE	12014	UJ	Y
1,4-PHENYLENEDIAMINE	2374	UJ	Y
1-NAPHTHYLAMINE	2374	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	527	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	2374	UJ	Y
2,4,5-TRICHLOROPHENOL	293	UJ	Y
2,4,6-TRICHLOROPHENOL	294	UJ	Y
2,4-DICHLOROPHENOL	375	UJ	Y
2,4-DIMETHYLPHENOL	333	UJ	Y
2,4-DINITROPHENOL	1151	UJ	Y
2,4-DINITROTOLUENE	336	UJ	Y
2,6-DICHLOROPHENOL	2374	UJ	Y
2,6-DINITROTOLUENE	368	UJ	Y
2-ACETYLAMINOFLUORENE	2374	UJ	Y
2-CHLORONAPHTHALENE	450	UJ	Y
2-CHLOROPHENOL	496	UJ	Y
2-METHYLNAPHTHALENE	528	UJ	Y
2-METHYLPHENOL	421	UJ	Y
2-NAPHTHYLAMINE	2374	UJ	Y
2-NITROANILINE	378	UJ	Y
2-NITROPHENOL	477	UJ	Y
2-PICOLINE	2374	UJ	Y
3&4-METHYLPHENOL	381	UJ	Y
3,3'-DICHLOROBENZIDINE	1849	UJ	CY
3,3'-DIMETHYLBENZIDINE	2374	UJ	Y

nsample	S1-SD-20-00-0507
samp_date	5/16/2007
lab_id	F49607-1
qc_type	NM
units	UG/KG
Pct_Solids	13.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	2374	UJ	Y
3-NITROANILINE	1806	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	358	UJ	Y
4-AMINOBIPHENYL	2374	UJ	Y
4-BROMOPHENYL PHENYL ETHER	343	UJ	Y
4-CHLORO-3-METHYLPHENOL	320	UJ	Y
4-CHLOROANILINE	1885	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	345	UJ	Y
4-NITROANILINE	806	UJ	Y
4-NITROPHENOL	351	UJ	Y
4-NITROQUINOLINE-1-OXIDE	2374	UJ	Y
5-NITRO-O-TOLUIDINE	2374	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	2396	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	2374	UJ	Y
ACENAPHTHENE	383	UJ	Y
ACENAPHTHYLENE	367	UJ	Y
ACETOPHENONE	709	UJ	Y
ANILINE	2331	UJ	Y
ANTHRACENE	386	UJ	Y
ARAMITE	2374	UJ	Y
BENZO(A)ANTHRACENE	381	UJ	Y
BENZO(A)PYRENE	393	UJ	Y
BENZO(B)FLUORANTHENE	399	UJ	Y
BENZO(G,H,I)PERYLENE	424	UJ	Y
BENZO(K)FLUORANTHENE	432	UJ	Y
BENZYL ALCOHOL	468	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	501	UJ	Y
BIS(2-CHLOROETHYL)ETHER	559	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	619	UJ	Y
BUTYL BENZYL PHTHALATE	530	UJ	Y
CHRYSENE	649	UJ	Y
DIBENZO(A,H)ANTHRACENE	432	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-20-00-0507	nsample	S1-SD-20-00-0507	nsample	S1-SD-21-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-1	lab_id	F49607-1	lab_id	F49607-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	13.9	Pct_Solids	13.9	Pct_Solids	6.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	348	UJ	Y
DIETHYL PHTHALATE	406	UJ	Y
DIMETHYL PHTHALATE	353	UJ	Y
DI-N-BUTYL PHTHALATE	418	UJ	Y
DI-N-OCTYL PHTHALATE	627	UJ	Y
DINOSEB	224	UJ	Y
ETHYL METHANE SULFONATE	2374	UJ	Y
FLUORANTHENE	406	UJ	Y
FLUORENE	348	UJ	Y
HEXACHLOROBENZENE	376	UJ	Y
HEXACHLOROBUTADIENE	603	UJ	Y
HEXACHLOROCYCLOPENTADIENE	445	UJ	Y
HEXACHLOROETHANE	619	UJ	Y
HEXACHLOROPHENE	2374	UR	C
HEXACHLOROPROPENE	2374	UJ	Y
INDENO(1,2,3-CD)PYRENE	404	UJ	Y
ISOPHORONE	526	UJ	Y
ISOSAFROLE	2374	UJ	Y
METHAPYRILENE	2374	UJ	Y
METHYL METHANE SULFONATE	2374	UJ	Y
NAPHTHALENE	547	UJ	Y
NITROBENZENE	594	UJ	Y
N-NITROSODIETHYLAMINE	2374	UJ	Y
N-NITROSODIMETHYLAMINE	248	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	2374	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	614	UJ	Y
N-NITROSODIPHENYLAMINE	319	UJ	Y
N-NITROSOMETHYLETHYLAMINE	2374	UJ	Y
N-NITROSOMORPHOLINE	2374	UJ	Y
N-NITROSOPIPERIDINE	2374	UJ	Y
N-NITROSOPYRROLIDINE	2374	UJ	Y
O-TOLUIDINE	2374	UJ	Y

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	2374	UJ	Y
PENTACHLOROBENZENE	2374	UJ	Y
PENTACHLOROETHANE	2374	UJ	Y
PENTACHLORONITROBENZENE	2374	UJ	Y
PENTACHLOROPHENOL	1799	UJ	Y
PHENACETIN	2374	UJ	Y
PHENANTHRENE	373	UJ	Y
PHENOL	501	UJ	Y
PRONAMIDE	2374	UJ	Y
PYRENE	471	UJ	Y
PYRIDINE	1799	UJ	Y
SAFROLE	2374	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	995	UJ	Y
1,2,4-TRICHLOROBENZENE	1277	UJ	Y
1,2-DICHLOROBENZENE	1230	UJ	Y
1,3,5-TRINITROBENZENE	5000	UJ	Y
1,3-DICHLOROBENZENE	1256	UJ	Y
1,3-DINITROBENZENE	5000	UJ	Y
1,4-DICHLOROBENZENE	1226	UJ	Y
1,4-NAPHTHOQUINONE	25303	UJ	Y
1,4-PHENYLENEDIAMINE	5000	UJ	Y
1-NAPHTHYLAMINE	5000	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	1111	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	5000	UJ	Y
2,4,5-TRICHLOROPHENOL	617	UJ	Y
2,4,6-TRICHLOROPHENOL	618	UJ	Y
2,4-DICHLOROPHENOL	789	UJ	Y
2,4-DIMETHYLPHENOL	702	UJ	Y
2,4-DINITROPHENOL	2424	UJ	Y
2,4-DINITROTOLUENE	708	UJ	Y
2,6-DICHLOROPHENOL	5000	UJ	Y
2,6-DINITROTOLUENE	774	UJ	Y
2-ACETYLAMINOFLUORENE	5000	UJ	Y
2-CHLORONAPHTHALENE	947	UJ	Y
2-CHLOROPHENOL	1045	UJ	Y
2-METHYLNAPHTHALENE	1112	UJ	Y
2-METHYLPHENOL	886	UJ	Y
2-NAPHTHYLAMINE	5000	UJ	Y
2-NITROANILINE	797	UJ	Y
2-NITROPHENOL	1005	UJ	Y
2-PICOLINE	5000	UJ	Y
3&4-METHYLPHENOL	803	UJ	Y
3,3'-DICHLOROBENZIDINE	3894	UJ	CY
3,3'-DIMETHYLBENZIDINE	5000	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-21-00-0507	nsample	S1-SD-21-00-0507	nsample	S1-SD-21-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-2	lab_id	F49607-2	lab_id	F49607-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	6.6	Pct_Solids	6.6	Pct_Solids	6.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	5000	UJ	Y
3-NITROANILINE	3803	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	753	UJ	Y
4-AMINOBIPHENYL	5000	UJ	Y
4-BROMOPHENYL PHENYL ETHER	723	UJ	Y
4-CHLORO-3-METHYLPHENOL	674	UJ	Y
4-CHLOROANILINE	3970	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	726	UJ	Y
4-NITROANILINE	1697	UJ	Y
4-NITROPHENOL	739	UJ	Y
4-NITROQUINOLINE-1-OXIDE	5000	UJ	Y
5-NITRO-O-TOLUIDINE	5000	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	5045	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	5000	UJ	Y
ACENAPHTHENE	806	UJ	Y
ACENAPHTHYLENE	773	UJ	Y
ACETOPHENONE	1494	UJ	Y
ANILINE	4909	UJ	Y
ANTHRACENE	814	UJ	Y
ARAMITE	5000	UJ	Y
BENZO(A)ANTHRACENE	803	UJ	Y
BENZO(A)PYRENE	827	UJ	Y
BENZO(B)FLUORANTHENE	839	UJ	Y
BENZO(G,H,I)PERYLENE	892	UJ	Y
BENZO(K)FLUORANTHENE	909	UJ	Y
BENZYL ALCOHOL	986	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	1055	UJ	Y
BIS(2-CHLOROETHYL)ETHER	1177	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	1305	UJ	Y
BUTYL BENZYL PHTHALATE	1117	UJ	Y
CHRYSENE	1367	UJ	Y
DIBENZO(A,H)ANTHRACENE	909	UJ	Y

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	733	UJ	Y
DIETHYL PHTHALATE	856	UJ	Y
DIMETHYL PHTHALATE	742	UJ	Y
DI-N-BUTYL PHTHALATE	880	UJ	Y
DI-N-OCTYL PHTHALATE	1320	UJ	Y
DINOSEB	473	UJ	Y
ETHYL METHANE SULFONATE	5000	UJ	Y
FLUORANTHENE	856	UJ	Y
FLUORENE	733	UJ	Y
HEXACHLOROBENZENE	792	UJ	Y
HEXACHLOROBUTADIENE	1270	UJ	Y
HEXACHLOROCYCLOPENTADIENE	936	UJ	Y
HEXACHLOROETHANE	1303	UJ	Y
HEXACHLOROPHENE	5000	UR	C
HEXACHLOROPROPENE	5000	UJ	Y
INDENO(1,2,3-CD)PYRENE	852	UJ	Y
ISOPHORONE	1108	UJ	Y
ISOSAFROLE	5000	UJ	Y
METHAPYRILENE	5000	UJ	Y
METHYL METHANE SULFONATE	5000	UJ	Y
NAPHTHALENE	1153	UJ	Y
NITROBENZENE	1252	UJ	Y
N-NITROSODIETHYLAMINE	5000	UJ	Y
N-NITROSODIMETHYLAMINE	523	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	5000	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	1294	UJ	Y
N-NITROSODIPHENYLAMINE	671	UJ	Y
N-NITROSOMETHYLETHYLAMINE	5000	UJ	Y
N-NITROSOMORPHOLINE	5000	UJ	Y
N-NITROSOPIPERIDINE	5000	UJ	Y
N-NITROSOPYRROLIDINE	5000	UJ	Y
O-TOLUIDINE	5000	UJ	Y

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	5000	UJ	Y
PENTACHLOROBENZENE	5000	UJ	Y
PENTACHLOROETHANE	5000	UJ	Y
PENTACHLORONITROBENZENE	5000	UJ	Y
PENTACHLOROPHENOL	3788	UJ	Y
PHENACETIN	5000	UJ	Y
PHENANTHRENE	785	UJ	Y
PHENOL	1056	UJ	Y
PRONAMIDE	5000	UJ	Y
PYRENE	991	UJ	Y
PYRIDINE	3788	UJ	Y
SAFROLE	5000	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-22-00-0507		nsample	S1-SD-22-00-0507		nsample	S1-SD-22-00-0507	
samp_date	5/16/2007		samp_date	5/16/2007		samp_date	5/16/2007	
lab_id	F49607-3		lab_id	F49607-3		lab_id	F49607-3	
qc_type	NM		qc_type	NM		qc_type	NM	
units	UG/KG		units	UG/KG		units	UG/KG	
Pct_Solids	80.0		Pct_Solids	80.0		Pct_Solids	80.0	
DUP_OF:			DUP_OF:			DUP_OF:		

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	82.1	U	
1,2,4-TRICHLOROBENZENE	105	U	
1,2-DICHLOROBENZENE	102	U	
1,3,5-TRINITROBENZENE	413	U	
1,3-DICHLOROBENZENE	104	U	
1,3-DINITROBENZENE	413	U	
1,4-DICHLOROBENZENE	101	U	
1,4-NAPHTHOQUINONE	2088	U	
1,4-PHENYLENEDIAMINE	413	U	
1-NAPHTHYLAMINE	413	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	91.6	U	
2,3,4,6-TETRACHLOROPHENOL	413	U	
2,4,5-TRICHLOROPHENOL	50.9	U	
2,4,6-TRICHLOROPHENOL	51.0	U	
2,4-DICHLOROPHENOL	65.1	U	
2,4-DIMETHYLPHENOL	57.9	U	
2,4-DINITROPHENOL	200	U	
2,4-DINITROTOLUENE	58.4	U	
2,6-DICHLOROPHENOL	413	U	
2,6-DINITROTOLUENE	63.9	U	
2-ACETYLAMINOFLUORENE	413	U	
2-CHLORONAPHTHALENE	78.1	U	
2-CHLOROPHENOL	86.3	U	
2-METHYLNAPHTHALENE	91.8	U	
2-METHYLPHENOL	73.1	U	
2-NAPHTHYLAMINE	413	U	
2-NITROANILINE	65.8	U	
2-NITROPHENOL	82.9	U	
2-PICOLINE	413	U	
3&4-METHYLPHENOL	66.3	U	
3,3'-DICHLOROBENZIDINE	321	UJ	C
3,3'-DIMETHYLBENZIDINE	413	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	413	U	
3-NITROANILINE	314	U	
4,6-DINITRO-2-METHYLPHENOL	62.1	U	
4-AMINOBIPHENYL	413	U	
4-BROMOPHENYL PHENYL ETHER	59.6	U	
4-CHLORO-3-METHYLPHENOL	55.6	U	
4-CHLOROANILINE	328	U	
4-CHLOROPHENYL PHENYL ETHER	59.9	U	
4-NITROANILINE	140	U	
4-NITROPHENOL	61.0	U	
4-NITROQUINOLINE-1-OXIDE	413	U	
5-NITRO-O-TOLUIDINE	413	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	416	U	
A,A-DIMETHYLPHENETHYLAMINE	413	U	
ACENAPHTHENE	66.5	U	
ACENAPHTHYLENE	63.8	U	
ACETOPHENONE	123	U	
ANILINE	405	U	
ANTHRACENE	67.1	U	
ARAMITE	413	U	
BENZO(A)ANTHRACENE	66.3	U	
BENZO(A)PYRENE	68.3	U	
BENZO(B)FLUORANTHENE	69.3	U	
BENZO(G,H,I)PERYLENE	73.6	U	
BENZO(K)FLUORANTHENE	75.0	U	
BENZYL ALCOHOL	81.4	U	
BIS(2-CHLOROETHOXY)METHANE	87.0	U	
BIS(2-CHLOROETHYL)ETHER	97.1	U	
BIS(2-ETHYLHEXYL)PHTHALATE	108	U	
BUTYL BENZYL PHTHALATE	92.1	U	
CHRYSENE	113	U	
DIBENZO(A,H)ANTHRACENE	75.0	U	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	60.5	U	
DIETHYL PHTHALATE	70.6	U	
DIMETHYL PHTHALATE	61.3	U	
DI-N-BUTYL PHTHALATE	72.6	U	
DI-N-OCTYL PHTHALATE	109	U	
DINOSEB	39.0	U	
ETHYL METHANE SULFONATE	413	U	
FLUORANTHENE	70.6	U	
FLUORENE	60.5	U	
HEXACHLOROBENZENE	65.4	U	
HEXACHLOROBUTADIENE	105	U	
HEXACHLOROCYCLOPENTADIENE	77.3	U	
HEXACHLOROETHANE	108	U	
HEXACHLOROPHENE	413	UR	C
HEXACHLOROPROPENE	413	U	
INDENO(1,2,3-CD)PYRENE	70.3	U	
ISOPHORONE	91.4	U	
ISOSAFROLE	413	U	
METHAPYRILENE	413	U	
METHYL METHANE SULFONATE	413	U	
NAPHTHALENE	95.1	U	
NITROBENZENE	103	U	
N-NITROSODIETHYLAMINE	413	U	
N-NITROSODIMETHYLAMINE	43.1	U	
N-NITROSO-DI-N-BUTYLAMINE	413	U	
N-NITROSO-DI-N-PROPYLAMINE	107	U	
N-NITROSODIPHENYLAMINE	55.4	U	
N-NITROSOMETHYLETHYLAMINE	413	U	
N-NITROSOMORPHOLINE	413	U	
N-NITROSOPIPERIDINE	413	U	
N-NITROSOPYRROLIDINE	413	U	
O-TOLUIDINE	413	U	

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-22-00-0507
samp_date	5/16/2007
lab_id	F49607-3
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	413	U	
PENTACHLOROBENZENE	413	U	
PENTACHLOROETHANE	413	U	
PENTACHLORONITROBENZENE	413	U	
PENTACHLOROPHENOL	313	U	
PHENACETIN	413	U	
PHENANTHRENE	64.8	U	
PHENOL	87.1	U	
PRONAMIDE	413	U	
PYRENE	81.8	U	
PYRIDINE	313	U	
SAFROLE	413	U	

nsample	S1-SD-23-00-0507
samp_date	5/16/2007
lab_id	F49607-4
qc_type	NM
units	UG/KG
Pct_Solids	29.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	226	UJ	Y
1,2,4-TRICHLOROBENZENE	290	UJ	Y
1,2-DICHLOROBENZENE	279	UJ	Y
1,3,5-TRINITROBENZENE	1134	UJ	Y
1,3-DICHLOROBENZENE	285	UJ	Y
1,3-DINITROBENZENE	1134	UJ	Y
1,4-DICHLOROBENZENE	278	UJ	Y
1,4-NAPHTHOQUINONE	5739	UJ	Y
1,4-PHENYLENEDIAMINE	1134	UJ	Y
1-NAPHTHYLAMINE	1134	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	252	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	1134	UJ	Y
2,4,5-TRICHLOROPHENOL	140	UJ	Y
2,4,6-TRICHLOROPHENOL	140	UJ	Y
2,4-DICHLOROPHENOL	179	UJ	Y
2,4-DIMETHYLPHENOL	159	UJ	Y
2,4-DINITROPHENOL	550	UJ	Y
2,4-DINITROTOLUENE	160	UJ	Y
2,6-DICHLOROPHENOL	1134	UJ	Y
2,6-DINITROTOLUENE	176	UJ	Y
2-ACETYLAMINOFLUORENE	1134	UJ	Y
2-CHLORONAPHTHALENE	215	UJ	Y
2-CHLOROPHENOL	237	UJ	Y
2-METHYLNAPHTHALENE	252	UJ	Y
2-METHYLPHENOL	201	UJ	Y
2-NAPHTHYLAMINE	1134	UJ	Y
2-NITROANILINE	181	UJ	Y
2-NITROPHENOL	228	UJ	Y
2-PICOLINE	1134	UJ	Y
3&4-METHYLPHENOL	182	UJ	Y
3,3'-DICHLOROBENZIDINE	883	UJ	CY
3,3'-DIMETHYLBENZIDINE	1134	UJ	Y

nsample	S1-SD-23-00-0507
samp_date	5/16/2007
lab_id	F49607-4
qc_type	NM
units	UG/KG
Pct_Solids	29.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	1134	UJ	Y
3-NITROANILINE	863	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	171	UJ	Y
4-AMINOBIPHENYL	1134	UJ	Y
4-BROMOPHENYL PHENYL ETHER	164	UJ	Y
4-CHLORO-3-METHYLPHENOL	153	UJ	Y
4-CHLOROANILINE	900	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	165	UJ	Y
4-NITROANILINE	385	UJ	Y
4-NITROPHENOL	168	UJ	Y
4-NITROQUINOLINE-1-OXIDE	1134	UJ	Y
5-NITRO-O-TOLUIDINE	1134	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	1144	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	1134	UJ	Y
ACENAPHTHENE	183	UJ	Y
ACENAPHTHYLENE	175	UJ	Y
ACETOPHENONE	339	UJ	Y
ANILINE	1113	UJ	Y
ANTHRACENE	185	UJ	Y
ARAMITE	1134	UJ	Y
BENZO(A)ANTHRACENE	182	UJ	Y
BENZO(A)PYRENE	188	UJ	Y
BENZO(B)FLUORANTHENE	190	UJ	Y
BENZO(G,H,I)PERYLENE	202	UJ	Y
BENZO(K)FLUORANTHENE	206	UJ	Y
BENZYL ALCOHOL	224	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	239	UJ	Y
BIS(2-CHLOROETHYL)ETHER	267	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	296	UJ	Y
BUTYL BENZYL PHTHALATE	253	UJ	Y
CHRYSENE	310	UJ	Y
DIBENZO(A,H)ANTHRACENE	206	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-23-00-0507	nsample	S1-SD-23-00-0507	nsample	S1-SD-24-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-4	lab_id	F49607-4	lab_id	F49607-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	29.1	Pct_Solids	29.1	Pct_Solids	23.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	166	UJ	Y
DIETHYL PHTHALATE	194	UJ	Y
DIMETHYL PHTHALATE	168	UJ	Y
DI-N-BUTYL PHTHALATE	200	UJ	Y
DI-N-OCTYL PHTHALATE	299	UJ	Y
DINOSEB	107	UJ	Y
ETHYL METHANE SULFONATE	1134	UJ	Y
FLUORANTHENE	194	UJ	Y
FLUORENE	166	UJ	Y
HEXACHLOROBENZENE	180	UJ	Y
HEXACHLOROBUTADIENE	288	UJ	Y
HEXACHLOROCYCLOPENTADIENE	212	UJ	Y
HEXACHLOROETHANE	296	UJ	Y
HEXACHLOROPHENE	1134	UR	C
HEXACHLOROPROPENE	1134	UJ	Y
INDENO(1,2,3-CD)PYRENE	193	UJ	Y
ISOPHORONE	251	UJ	Y
ISOSAFROLE	1134	UJ	Y
METHAPYRILENE	1134	UJ	Y
METHYL METHANE SULFONATE	1134	UJ	Y
NAPHTHALENE	262	UJ	Y
NITROBENZENE	284	UJ	Y
N-NITROSODIETHYLAMINE	1134	UJ	Y
N-NITROSODIMETHYLAMINE	119	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	1134	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	293	UJ	Y
N-NITROSODIPHENYLAMINE	152	UJ	Y
N-NITROSOMETHYLETHYLAMINE	1134	UJ	Y
N-NITROSOMORPHOLINE	1134	UJ	Y
N-NITROSOPIPERIDINE	1134	UJ	Y
N-NITROSOPYRROLIDINE	1134	UJ	Y
O-TOLUIDINE	1134	UJ	Y

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	1134	UJ	Y
PENTACHLOROBENZENE	1134	UJ	Y
PENTACHLOROETHANE	1134	UJ	Y
PENTACHLORONITROBENZENE	1134	UJ	Y
PENTACHLOROPHENOL	859	UJ	Y
PHENACETIN	1134	UJ	Y
PHENANTHRENE	178	UJ	Y
PHENOL	240	UJ	Y
PRONAMIDE	1134	UJ	Y
PYRENE	225	UJ	Y
PYRIDINE	859	UJ	Y
SAFROLE	1134	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	276	UJ	Y
1,2,4-TRICHLOROBENZENE	354	UJ	Y
1,2-DICHLOROBENZENE	341	UJ	Y
1,3,5-TRINITROBENZENE	1387	UJ	Y
1,3-DICHLOROBENZENE	348	UJ	Y
1,3-DINITROBENZENE	1387	UJ	Y
1,4-DICHLOROBENZENE	340	UJ	Y
1,4-NAPHTHOQUINONE	7017	UJ	Y
1,4-PHENYLENEDIAMINE	1387	UJ	Y
1-NAPHTHYLAMINE	1387	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	308	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	1387	UJ	Y
2,4,5-TRICHLOROPHENOL	171	UJ	Y
2,4,6-TRICHLOROPHENOL	171	UJ	Y
2,4-DICHLOROPHENOL	219	UJ	Y
2,4-DIMETHYLPHENOL	195	UJ	Y
2,4-DINITROPHENOL	672	UJ	Y
2,4-DINITROTOLUENE	196	UJ	Y
2,6-DICHLOROPHENOL	1387	UJ	Y
2,6-DINITROTOLUENE	215	UJ	Y
2-ACETYLAMINOFLUORENE	1387	UJ	Y
2-CHLORONAPHTHALENE	263	UJ	Y
2-CHLOROPHENOL	290	UJ	Y
2-METHYLNAPHTHALENE	308	UJ	Y
2-METHYLPHENOL	246	UJ	Y
2-NAPHTHYLAMINE	1387	UJ	Y
2-NITROANILINE	221	UJ	Y
2-NITROPHENOL	279	UJ	Y
2-PICOLINE	1387	UJ	Y
3&4-METHYLPHENOL	223	UJ	Y
3,3'-DICHLOROBENZIDINE	1080	UJ	CY
3,3'-DIMETHYLBENZIDINE	1387	UJ	Y

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-24-00-0507
samp_date	5/16/2007
lab_id	F49607-5
qc_type	NM
units	UG/KG
Pct_Solids	23.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLCHOLANTHRENE	1387	UJ	Y
3-NITROANILINE	1055	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	209	UJ	Y
4-AMINOBIPHENYL	1387	UJ	Y
4-BROMOPHENYL PHENYL ETHER	200	UJ	Y
4-CHLORO-3-METHYLPHENOL	187	UJ	Y
4-CHLOROANILINE	1101	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	201	UJ	Y
4-NITROANILINE	471	UJ	Y
4-NITROPHENOL	205	UJ	Y
4-NITROQUINOLINE-1-OXIDE	1387	UJ	Y
5-NITRO-O-TOLUIDINE	1387	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	1399	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	1387	UJ	Y
ACENAPHTHENE	224	UJ	Y
ACENAPHTHYLENE	214	UJ	Y
ACETOPHENONE	414	UJ	Y
ANILINE	1361	UJ	Y
ANTHRACENE	226	UJ	Y
ARAMITE	1387	UJ	Y
BENZO(A)ANTHRACENE	223	UJ	Y
BENZO(A)PYRENE	229	UJ	Y
BENZO(B)FLUORANTHENE	233	UJ	Y
BENZO(G,H,I)PERYLENE	247	UJ	Y
BENZO(K)FLUORANTHENE	252	UJ	Y
BENZYL ALCOHOL	274	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	292	UJ	Y
BIS(2-CHLOROETHYL)ETHER	326	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	362	UJ	Y
BUTYL BENZYL PHTHALATE	310	UJ	Y
CHRYSENE	379	UJ	Y
DIBENZO(A,H)ANTHRACENE	252	UJ	Y

nsample	S1-SD-24-00-0507
samp_date	5/16/2007
lab_id	F49607-5
qc_type	NM
units	UG/KG
Pct_Solids	23.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	203	UJ	Y
DIETHYL PHTHALATE	237	UJ	Y
DIMETHYL PHTHALATE	206	UJ	Y
DI-N-BUTYL PHTHALATE	244	UJ	Y
DI-N-OCTYL PHTHALATE	366	UJ	Y
DINOSEB	131	UJ	Y
ETHYL METHANE SULFONATE	1387	UJ	Y
FLUORANTHENE	237	UJ	Y
FLUORENE	203	UJ	Y
HEXACHLOROBENZENE	220	UJ	Y
HEXACHLOROBUTADIENE	352	UJ	Y
HEXACHLOROCYCLOPENTADIENE	260	UJ	Y
HEXACHLOROETHANE	361	UJ	Y
HEXACHLOROPHENE	1387	UR	C
HEXACHLOROPROPENE	1387	UJ	Y
INDENO(1,2,3-CD)PYRENE	236	UJ	Y
ISOPHORONE	307	UJ	Y
ISOSAFROLE	1387	UJ	Y
METHAPYRILENE	1387	UJ	Y
METHYL METHANE SULFONATE	1387	UJ	Y
NAPHTHALENE	320	UJ	Y
NITROBENZENE	347	UJ	Y
N-NITROSODIETHYLAMINE	1387	UJ	Y
N-NITROSODIMETHYLAMINE	145	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	1387	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	359	UJ	Y
N-NITROSODIPHENYLAMINE	186	UJ	Y
N-NITROSOMETHYLETHYLAMINE	1387	UJ	Y
N-NITROSOMORPHOLINE	1387	UJ	Y
N-NITROSOPIPERIDINE	1387	UJ	Y
N-NITROSOPYRROLIDINE	1387	UJ	Y
O-TOLUIDINE	1387	UJ	Y

nsample	S1-SD-24-00-0507
samp_date	5/16/2007
lab_id	F49607-5
qc_type	NM
units	UG/KG
Pct_Solids	23.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
P-(DIMETHYLAMINO)AZOBENZENE	1387	UJ	Y
PENTACHLOROBENZENE	1387	UJ	Y
PENTACHLOROETHANE	1387	UJ	Y
PENTACHLORONITROBENZENE	1387	UJ	Y
PENTACHLOROPHENOL	1050	UJ	Y
PHENACETIN	1387	UJ	Y
PHENANTHRENE	218	UJ	Y
PHENOL	293	UJ	Y
PRONAMIDE	1387	UJ	Y
PYRENE	275	UJ	Y
PYRIDINE	1050	UJ	Y
SAFROLE	1387	UJ	Y

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Pace Analytical®
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: ~~F49607-9~~ SI-FD-051607-01 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523123 **Matrix:** Soil **% Moisture:** 77.4 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 18:58 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client: Accutest Laboratories

Client ID: F49607-9 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523123 **Matrix:** Soil **% Moisture:** 77.4 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270 SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 18:58 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical®
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-9
Site: None
Project: F49607
Project No.: 2069761
Sample Qu:
Lab ID: 20523123
Matrix: Soil
% Moisture: 77.4 Not Corrected
Description: None
Prep Level: Soil
Batch: 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20
Collected: 05/16/07
Received: 05/23/07
Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 18:58 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: F49607-9
Project: F49607
Lab ID: 20523123
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 77.4 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 18:58 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client ID: ~~F49607.1~~ S1-SD-20-00-0507
Project: F49607
Lab ID: 20523118
Description: None
Method: 8270 SVOAs Low Soil

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 86.1 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 16:38 JAM

Prep Factor: 1

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:08

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-1
Project: F49607
Lab ID: 20523118
Description: None
Method: 8270 SVOAs Low Soil

Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 86.1 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 16:38 IAM

Prep Factor: 1

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:08

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: F49607-1
Project: F49607
Lab ID: 20523118
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 86.1 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 16:38 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87695
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-1 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523118 **Matrix:** Soil **% Moisture:** 86.1 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 16:38 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: ~~F49607-2~~ S1-SD-21-00-0507
Project: F49607
Lab ID: 20523119
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 93.4 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 17:06 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health_Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical*
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-2
Site: None
Project: F49607
Project No.: 2069761 **Sample Qu:**
Lab ID: 20523119
Matrix: Soil **% Moisture:** 93.4 Not Corrected
Description: None
Prep Level: Soil **Batch:** 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg **Target List:** 8270_SL20
Collected: 05/16/07 **Received:** 05/23/07
Prep Factor: 1
Prepared: 05/29/07 **Analyzed:** 06/04/07 17:06 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client ID: F49607-2
Project: F49607
Lab ID: 20523119
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 93.4 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 17:06 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthalenеamine	1	ND		330.	
91-59-8	2-Naphthalenеamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical*
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: F49607-2
Project: F49607
Lab ID: 20523119
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 93.4 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 17:06 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health ,Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49607 3~~ S1-SD-22-00-0507
Site: None

Project: F49607
Project No.: 2069761
Sample Qu:

Lab ID: 20523120
Matrix: Soil
% Moisture: 20 Not Corrected

Description: None
Prep Level: Soil
Batch: 86475

Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20

Collected: 05/16/07
Received: 05/23/07

Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 17:34 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:09

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-3
Site: None
Project: F49607
Project No.: 2069761
Sample Qu:
Lab ID: 20523120
Matrix: Soil
% Moisture: 20 Not Corrected
Description: None
Prep Level: Soil
Batch: 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20
Collected: 05/16/07
Received: 05/23/07
Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 17:34 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Client ID: F49607-3
Site: None
Project: F49607
Project No.: 2069761
Sample Qu:
Lab ID: 20523120
Matrix: Soil
% Moisture: 20 Not Corrected
Description: None
Prep Level: Soil
Batch: 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20
Collected: 05/16/07
Received: 05/23/07
Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 17:34 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: F49607-3
Project: F49607
Lab ID: 20523120
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 20 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 17:34 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

Client ID: ~~F49607-4~~ S1-SD-23-00-0507
Project: F49607
Lab ID: 20523121
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 70.9 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 18:01 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87696
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Pace Analytical*
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: F49607-4
Project: F49607
Lab ID: 20523121
Description: None
Method: 8270 SVOAs Low Soil

Prep Factor: 1

Client: Accutest Laboratories
Site: None
Project No.: 2069761
Matrix: Soil
Prep Level: Soil
Units: ug/kg
Collected: 05/16/07
Prepared: 05/29/07

Sample Qu:
% Moisture: 70.9 Not Corrected
Batch: 86475
Target List: 8270_SL20
Received: 05/23/07
Analyzed: 06/04/07 18:01 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client ID: F49607-4	**Client:** Accutest Laboratories		
Project: F49607	**Site:** None		
Lab ID: 20523121	**Project No.:** 2069761	**Sample Qu:**	
Description: None	**Matrix:** Soil	**% Moisture:** 70.9 Not Corrected	
Method: 8270 SVOAs Low Soil	**Prep Level:** Soil	**Batch:** 86475	
	Units: ug/kg	**Target List:** 8270_SL20	
	Collected: 05/16/07	**Received:** 05/23/07	
Prep Factor: 1	**Prepared:** 05/29/07	**Analyzed:** 06/04/07 18:01 JAM	

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthaleneamine	1	ND		330.	
91-59-8	2-Naphthaleneamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10285
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: F49607-4 | **Site:** None

Project: F49607 | **Project No.:** 2069761 | **Sample Qu:**

Lab ID: 20523121 | **Matrix:** Soil | **% Moisture:** 70.9 Not Corrected

Description: None | **Prep Level:** Soil | **Batch:** 86475

Method: 8270 SVOAs Low Soil | **Units:** ug/kg | **Target List:** 8270_SL20

Collected: 05/16/07 | **Received:** 05/23/07

Prep Factor: 1 | **Prepared:** 05/29/07 | **Analyzed:** 06/04/07 18:01 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87395
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: ~~F49607-5~~ S1-SD -24-00-0507 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523122 **Matrix:** Soil **% Moisture:** 76.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 18:29 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		330.	
208-96-8	Acenaphthylene	1	ND		330.	
98-86-2	Acetophenone	1	ND		330.	
53-96-3	2-Acetylaminofluorene	1	ND		330.	
92-67-1	4-Aminobiphenyl	1	ND		330.	
62-53-3	Aniline	1	ND		330.	
120-12-7	Anthracene	1	ND		330.	
140-57-8	Aramite	1	ND		330.	
56-55-3	Benzo(a)anthracene	1	ND		330.	
205-99-2	Benzo(b)fluoranthene	1	ND		330.	
207-08-9	Benzo(k)fluoranthene	1	ND		330.	
191-24-2	Benzo(g,h,i)perylene	1	ND		330.	
50-32-8	Benzo(a)pyrene	1	ND		330.	
100-51-6	Benzyl alcohol	1	ND		330.	
101-55-3	4-Bromophenylphenyl ether	1	ND		330.	
85-68-7	Butylbenzylphthalate	1	ND		330.	
59-50-7	4-Chloro-3-methylphenol	1	ND		330.	
106-47-8	4-Chloroaniline	1	ND		330.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.	
91-58-7	2-Chloronaphthalene	1	ND		330.	
95-57-8	2-Chlorophenol	1	ND		330.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.	
218-01-9	Chrysene	1	ND		330.	
53-70-3	Dibenz(a,h)anthracene	1	ND		330.	
132-64-9	Dibenzofuran	1	ND		330.	
95-50-1	1,2-Dichlorobenzene	1	ND		330.	
541-73-1	1,3-Dichlorobenzene	1	ND		330.	
106-46-7	1,4-Dichlorobenzene	1	ND		330.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.	
120-83-2	2,4-Dichlorophenol	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10268
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client: Accutest Laboratories

Client ID: F49607-5
Site: None
Project: F49607
Project No.: 2069761
Sample Qu:
Lab ID: 20523122
Matrix: Soil
% Moisture: 76.2 Not Corrected
Description: None
Prep Level: Soil
Batch: 86475
Method: 8270 SVOAs Low Soil
Units: ug/kg
Target List: 8270_SL20
Collected: 05/16/07
Received: 05/23/07
Prep Factor: 1
Prepared: 05/29/07
Analyzed: 06/04/07 18:29 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
87-65-0	2,6-Dichlorophenol	1	ND		330.	
84-66-2	Diethylphthalate	1	ND		330.	
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.	
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.	
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.	
105-67-9	2,4-Dimethylphenol	1	ND		330.	
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.	
131-11-3	Dimethylphthalate	1	ND		330.	
84-74-2	Di-n-butylphthalate	1	ND		330.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.	
99-65-0	1,3-Dinitrobenzene	1	ND		330.	
51-28-5	2,4-Dinitrophenol	1	ND		330.	
121-14-2	2,4-Dinitrotoluene	1	ND		330.	
606-20-2	2,6-Dinitrotoluene	1	ND		330.	
117-84-0	Di-n-octylphthalate	1	ND		330.	
88-85-7	Dinoseb	1	ND		330.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.	
62-50-0	Ethyl methanesulfonate	1	ND		330.	
206-44-0	Fluoranthene	1	ND		330.	
86-73-7	Fluorene	1	ND		330.	
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.	
118-74-1	Hexachlorobenzene	1	ND		330.	
77-47-4	Hexachlorocyclopentadiene	1	ND		330.	
67-72-1	Hexachloroethane	1	ND		330.	
70-30-4	Hexachlorophene	1	ND		330.	
1888-71-7	Hexachloropropene	1	ND		330.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.	
78-59-1	Isophorone	1	ND		330.	
120-58-1	Isosafrole	1	ND		330.	
91-80-5	Methapyrilene	1	ND		330.	
56-49-5	3-Methylcholanthrene	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:10

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical® New Orleans Laboratory

Client: Accutest Laboratories

Client ID: F49607-5 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523122 **Matrix:** Soil **% Moisture:** 76.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 18:29 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
66-27-3	Methyl methanesulfonate	1	ND		330.	
91-57-6	2-Methylnaphthalene	1	ND		330.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.	
	3&4-Methylphenol	1	ND		660.	
91-20-3	Naphthalene	1	ND		330.	
134-32-7	1-Naphthalenamine	1	ND		330.	
91-59-8	2-Naphthalenamine	1	ND		330.	
130-15-4	1,4-Naphthoquinone	1	ND		1670	
88-74-4	2-Nitroaniline	1	ND		133.	
99-09-2	3-Nitroaniline	1	ND		330.	
100-01-6	4-Nitroaniline	1	ND		330.	
98-95-3	Nitrobenzene	1	ND		330.	
88-75-5	2-Nitrophenol	1	ND		330.	
100-02-7	4-Nitrophenol	1	ND		330.	
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.	
99-55-8	5-Nitro-o-toluidine	1	ND		330.	
55-18-5	N-Nitrosodiethylamine	1	ND		330.	
62-75-9	N-Nitrosodimethylamine	1	ND		330.	
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.	
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.	
59-89-2	N-Nitrosomorpholine	1	ND		330.	
100-75-4	N-Nitrosopiperidine	1	ND		330.	
930-55-2	N-Nitrosopyrrolidine	1	ND		330.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.	
608-93-5	Pentachlorobenzene	1	ND		330.	
76-01-7	Pentachloroethane	1	ND		330.	
82-68-8	Pentachloronitrobenzene	1	ND		330.	
87-86-5	Pentachlorophenol	1	ND		330.	
62-44-2	Phenacetin	1	ND		330.	

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical* New Orleans Laboratory

Client: Accutest Laboratories

Client ID: F49607-5 **Site:** None

Project: F49607 **Project No.:** 2069761 **Sample Qu:**

Lab ID: 20523122 **Matrix:** Soil **% Moisture:** 76.2 Not Corrected

Description: None **Prep Level:** Soil **Batch:** 86475

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 05/16/07 **Received:** 05/23/07

Prep Factor: 1 **Prepared:** 05/29/07 **Analyzed:** 06/04/07 18:29 IAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
85-01-8	Phenanthrene	1	ND		330.	
108-95-2	Phenol	1	ND		330.	
106-50-3	p-Phenylenediamine	1	ND		330.	
109-06-8	2-Picoline	1	ND		330.	
23950-58-5	Pronamide	1	ND		330.	
129-00-0	Pyrene	1	ND		330.	
110-86-1	Pyridine	1	ND		330.	
94-59-7	Safrole	1	ND		330.	
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.	
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.	
95-53-4	O-Toluidine	1	ND		330.	
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.	
95-95-4	2,4,5-Trichlorophenol	1	ND		330.	
88-06-2	2,4,6-Trichlorophenol	1	ND		330.	
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.	

108 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
A Prep Factor other than 1 accounts for a non-routine sample size.
Reporting/Detection Limit is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

6/5/2007 17:02:11

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

APPENDIX C
SUPPORT DOCUMENTATION

Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069761

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

All blank results were below reporting limits.

Laboratory Control Samples:

All LCS recoveries were within QC limits.

Matrix Spikes and Duplicates:

MS or MSD recoveries outside of QC limits are qualified in the Report of Quality Control section.

Surrogates:

Surrogate recoveries outside of QC limits are qualified in the surrogate results section.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069761

Analytical Method	Batch	Sample used for QC
EPA 8270	86475	Project sample F49607-1
% Moisture	86422	Batch sample from another client

For the sample used as the original for the DUP or MS/MSD for the batch:

Project sample means a sample from this project was used.
Client sample means a sample from the same client but in a different project was used.
Batch sample means a sample from the a different client was used.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87395
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report Qualifiers

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2069761

Analyte Qualifiers

Qualifier	Qualifier Description
A10	N-Nitrosodiphenylamine is reported as diphenylamine.

QC Qualifiers

Qualifier	Qualifier Description
Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87695
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: Accutest Laboratories

Project: F49607

Project No.: 2069761

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
F49607-1	20523118	Soil	05/16/2007	08:40	05/23/2007	10:20
F49607-2	20523119	Soil	05/16/2007	09:00	05/23/2007	10:20
F49607-3	20523120	Soil	05/16/2007	09:15	05/23/2007	10:20
F49607-4	20523121	Soil	05/16/2007	10:30	05/23/2007	10:20
F49607-5	20523122	Soil	05/16/2007	10:15	05/23/2007	10:20
F49607-9	20523123	Soil	05/16/2007		05/23/2007	10:20

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0691
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

CHAIN OF CUSTODY

ACCUTEST Laboratories

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Accutest Laboratories S.E.

ADDRESS:

CITY, STATE, ZIP:

SEND REPORT TO:

PHONE #:

FACILITY INFORMATION

PROJECT NAME: F49607

LOCATION:

PROJECT NO.:

FAX #:

ANALYTICAL INFORMATION

8270 APP'd

20697761

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	PRESERVATION NaOH	PRESERVATION HNO_3	PRESERVATION H_2SO_4	PRESERVATION NONE	8270 APP'd	LAB USE ONLY
	F49607-1	5/16/07	8:40		SO	1					X	X	20523118
	-2	"	09:00		"	1					X	X	119
	-3		09:15			1					X	X	120
	-4		10:30			1					X	X	121
	-5		10:15			1					X	X	122
	-7	5/16/07	00:00		SO	1					X	X	123

DATA TURNAROUND INFORMATION

- [X] STANDARD
- [ ] 48 HOUR RUSH
- [ ] 24 HOUR EMERGENCY
- [ ] OTHER

APPROVED BY:

EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- [X] STANDARD
- [ ] COMMERCIAL "B"
- [ ] DISK DELIVERABLE
- [ ] STATE FORMS
- [ ] OTHER (SPECIFY)

COMMENTS/REMARKS

Pace Analytical
ASBD

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	5/22/07 1800	1.	2.		2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3. Fed Ex	5-23-07 1020	3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE	ON ICE / TEMPERATURE
5.		5.		[ ]	[X] 3.7 °C

HOLDTIME

SDG F49607

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19
OS	UG/KG	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19
OS	UG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19
OS	UG/KG	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19
OS	UG/KG	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19
OS	UG/KG	S1-FD-051607-01	F49607-9	NM	5/16/2007	6/4/2007	6/4/2007	19	0	19

5-29-07

Form 5

GCMS Instrument Performance Check (TUNE)

DFTPP

Data File : C:\DATAB\110706\1107B00.D Vial: 1
Acq On : 7 Nov 2006 14:05 Operator:
Sample : 534-31-PERF Inst : 5973N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 389 (8.16 min)
Average of 3 scans: 388,389,390 minus background scan 369 (8.05 min)

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	38.9	35024	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	41.0	36869	PASS
70	69	0	2	0.3	119	PASS
127	198	25	75	47.6	42821	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	89981	PASS
199	198	5	9	6.8	6112	PASS
275	198	10	30	21.7	19530	PASS
365	198	1	100	2.0	1778	PASS
441	443	0	100	87.3	6489	PASS
442	198	40	110	42.2	37991	PASS
443	442	15	24	19.6	7432	PASS

Client Sample ID	Lab Sample ID	Lab File ID	Batch	Analysis Date	Analysis Time
	534-42-APIX40	1107B01		11/7/2006	14:22:00
	534-42-APIX50	1107B02		11/7/2006	14:50:00
	534-42-APIX60	1107B03		11/7/2006	15:18:00
	534-42-APIX80	1107B04		11/7/2006	15:45:00
	534-42-APIX25	1107B05		11/7/2006	16:13:00
	534-42-APIX10	1107B06		11/7/2006	16:40:00

020006

Comments:

Response Factor Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Thu Nov 09 12:01:35 2006
Response via : Initial Calibration

Calibration Files
40 =1107B01.D 50 =1107B02.D 60 =1107B03.D
80 =1107B04.D 25 =1107B05.D 10 =1107B06.D

		Compound	40	50	60	80	25	10	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	ISTD							
2)		D220 2-Picoline	1.413	1.494	1.313	1.527	1.140	1.406	1.382	10.16
3)		D225 Nitrosomethyle	0.619	0.624	0.551	0.643	0.556	0.608	0.600	6.32
4)		D230 Methyl methane	0.846	0.891	0.772	0.886	0.828	0.821	0.840	5.26
5)		D235 N-Nitrosodieth	0.612	0.631	0.619	0.652	0.595	0.601	0.618	3.37
6)		D240 Ethyl methanes	1.022	1.026	0.978	1.026	0.961	0.937	0.992	3.89
7)		D245 Pentachloroeth	0.543	0.573	0.545	0.571	0.543	0.553	0.555	2.50
8)		D250 N-Nitrosopyrro	0.521	0.476	0.512	0.460	0.511	0.527	0.501	5.35
9)		D260 N-Nitrosomorph	0.691	0.669	0.708	0.651	0.734	0.761	0.702	5.83
10)		D265 o-Toluidine	1.588	1.527	1.600	1.522	1.732	1.807	1.629	7.08
11)	I	CI40 Naphthalene-d8	ISTD							
12)		D270 N-Nitrosopiper	0.263	0.265	0.272	0.269	0.250	0.249	0.261	3.75
13)		D290 a,a-Dimethylph	0.710	0.636	0.771	0.609	0.568	0.366	0.610	22.98
14)		D275 2,6-Dichloroph	0.256	0.249	0.242	0.236	0.254	0.251	0.248	3.06
15)		D280 Hexachloroprop	0.225	0.233	0.227	0.219	0.231	0.224	0.227	2.21
16)		D285 N-Nitrosodi-n-	0.217	0.201	0.215	0.188	0.219	0.269	0.218	12.56
17)		D410 p-Phenylenedia	0.259	0.214	0.258	0.169	0.234	0.182	0.219	17.36
18)		D295 Safrole	0.246	0.244	0.239	0.229	0.256	0.249	0.244	3.77
19)	I	CI50 Acenaphthene-d10	ISTD							
20)		D305 1,2,4,5 Tetrac	0.602	0.628	0.598	0.674	0.605	0.587	0.616	5.12
21)		D300 Isosafrole	0.502	0.499	0.493	0.503	0.516	0.490	0.500	1.79
22)		D315 1,4-Naphthoqui	0.377	0.329	0.324	0.279	0.396	0.405	0.352	13.90
23)		D315 m-Dinitrobenze	0.206	0.197	0.213	0.182	0.201	0.182	0.197	6.48
24)		D320 Pentachloroben	0.424	0.428	0.430	0.420	0.428	0.409	0.423	1.83
25)		D325 1-Naphthylamin	0.953	0.942	1.044	0.901	0.917	0.834	0.932	7.44
26)		D330 2-Naphthylamin	0.793	0.780	0.885	0.756	0.756	0.616	0.764	11.37
27)		C321 2,3,4,6-Tetrac	0.307	0.313	0.336	0.303	0.271	0.267	0.300	8.82
28)		D335 5-Nitro-o-tolu	1.599	1.553	1.551	1.500	1.650	1.694	1.591	4.48
29)	I	CI60 Phenanthrene-d10	ISTD							
30)		D340 1,3,5-Trinitro	0.364	0.375	0.371	0.331	0.314	0.255	0.335	13.70
31)		D345 Phenacetin	0.489	0.490	0.487	0.434	0.471	0.389	0.460	8.83
32)		D350 4-Aminobipheny	0.768	0.803	0.814	0.762	0.753	0.682	0.764	6.09
33)		D355 Pentachloronit	0.125	0.123	0.118	0.111	0.124	0.117	0.120	4.27
34)		D360 Pronamide	0.398	0.398	0.380	0.344	0.387	0.374	0.380	5.32
35)		D365 2- sec butyl 4	0.228	0.241	0.241	0.233	0.231	0.214	0.231	4.37
36)		D370 4-Nitroquinoli	0.112	0.117	0.119	0.100	0.080	0.037	0.094	33.46
37)		D375 Methapyrilene	0.444	0.448	0.463	0.412	0.432	0.436	0.439	3.89
38)	I	CI70 Chrysene-d12	ISTD							
39)		D380 Aramite	0.131	0.124	0.122	0.109	0.119	0.117	0.120	6.08

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Thu Nov 09 12:01:35 2006
Response via : Initial Calibration

Calibration Files
40 =1107B01.D 50 =1107B02.D 60 =1107B03.D
80 =1107B04.D 25 =1107B05.D 10 =1107B06.D

		Compound	40	50	60	80	25	10	Avg	%RSD
40)		D385 p-Dimethylamin	0.391	0.388	0.393	0.359	0.369	0.363	0.377	4.00
41)		D390 3,3'-Dimethylb	0.780	0.771	0.755	0.663	0.688	0.562	0.703	11.86
42)		D391 Kepone	0.041	0.047	0.052	0.051	0.051	0.050	0.049	8.89
43)		D395 2-Acetylaminof	0.516	0.524	0.536	0.536	0.545	0.540	0.533	2.00
44)	I	CI75 Perylene-d12	ISTD							
45)		D400 7,12Dimethlben	0.951	0.978	0.911	0.888	0.827	0.637	0.865	14.26
46)		Hexachlorophen	0.100	0.100	0.084	0.075	0.112	0.049	0.087	25.83
47)		D405 3-Methylcholan	0.655	0.644	0.614	0.588	0.637	0.585	0.621	4.77

Total Average %RSD 8.15

020063

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Form 5

GCMS Instrument Performance Check (TUNE)

DFTPP

Data File : C:\DATAB\060107\0601B00.D Vial: 1
Acq On : 1 Jun 2007 15:07 Operator:
Sample : 534-31-PERF Inst : 5973N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 179 (8.04 min)
Average of 3 scans: 178,179,180 minus background scan 159 (7.93 min)

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	36.7	9480	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	38.0	9792	PASS
70	69	0	2	0.0	0	PASS
127	198	25	75	49.1	12656	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	25797	PASS
199	198	5	9	7.0	1793	PASS
275	198	10	30	20.6	5326	PASS
365	198	1	100	2.8	724	PASS
441	443	0	100	75.1	4021	PASS
442	198	40	110	105.4	27185	PASS
443	442	15	24	19.7	5356	PASS

Client Sample ID	Lab Sample ID	Lab File ID	Batch	Analysis Date	Analysis Time
	534-54-STD40	0601B01		6/1/2007	15:23:00
	534-54-STD50	0601B02		6/1/2007	16:22:00
	534-54-STD60	0601B03		6/1/2007	16:49:00
	534-54-STD80	0601B04		6/1/2007	17:17:00
	534-54-STD25	0601B05		6/1/2007	17:46:00
	~~534-54-STD10~~	~~0601B06~~		~~6/1/2007~~	~~18:13:00~~
	534-50-ICV40	0601B07		6/1/2007	18:41:00

020007

Comments:

Response Factor Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Sat Jun 02 13:28:29 2007
Response via : Initial Calibration

Calibration Files
40 =0601B01.D 50 =0601B02.D 60 =0601B03.D
80 =0601B04.D 25 =0601B05.D 10 =0601B06.D

			Compound	40	50	60	80	25	10	Avg	%RSD
1)	I	CI30	1,4-Diclbenzene-	----------			ISTD	----------			
2)	T	C319	Pyridine	1.402	1.379	1.416	1.299	1.313	1.181	1.332	6.60
3)	T	C310	N-Nitrosodimea	0.850	0.781	0.857	0.817	0.794	0.722	0.804	6.20
4)	S	CS50	2-Fluorophenol	1.386	1.294	1.412	1.353	1.354	1.275	1.345	3.90
5)	T	A311	Benzaldehyde	0.761	0.789	0.742	0.589	0.950	1.060	0.815B	20.39B
								Q	A= -0.113	R=0.987	
									B= 1.042	R=0.99 6/2/07	
									C= 0.028		
6)	S	CS70	2-Chlorophenol	1.278	1.126	1.214	1.148	1.247	1.192	1.201	4.82
7)	T	C320	Aniline	1.650	1.444	1.516	1.474	1.550	1.639	1.546	5.49
8)	T	C325	bis(2-Cleth)et	1.525	1.323	1.373	1.261	1.446	1.410	1.390	6.68
9)	S	CS45	Phenol-d5	1.704	1.473	1.539	1.428	1.593	1.586	1.554	6.28
10)	MC	C315	Phenol	1.816	1.586	1.623	1.490	1.709	1.733	1.660	7.02
11)	M	C330	2-Chlorophenol	1.396	1.238	1.291	1.192	1.349	1.309	1.296	5.71
12)	T	C335	13-Dichloroben	1.379	1.229	1.330	1.229	1.340	1.315	1.304	4.73
13)	MC	C340	14-Dichloroben	1.388	1.220	1.313	1.204	1.333	1.353	1.302	5.69
14)	S	CS75	1,2-Diclbenzen	0.779	0.672	0.708	0.642	0.756	0.754	0.719	7.47
15)	T	C350	12-Dichloroben	1.329	1.159	1.204	1.078	1.288	1.319	1.230	8.12
16)	T	C345	Benzyl alcohol	0.997	0.871	0.926	0.874	0.937	0.947	0.925	5.13
17)	T	C357	bis(2-Clipr) e	1.822	1.567	1.657	1.540	1.667	1.714	1.661	6.16
18)	T	C355	2-Methylphenol	1.386	1.205	1.262	1.183	1.297	1.323	1.276	5.92
19)	T	A356	Acetophenone	1.444	1.331	1.291	1.132	1.538	1.705	1.407	14.28
20)	T	C375	Hexachloroetha	0.506	0.437	0.469	0.431	0.493	0.483	0.470	6.47
21)	MP	C370	N-Nitrosodinpr	0.962	0.767	0.786	0.730	0.893	0.965	0.850	12.13
22)	T	C365	3Mphenol/4Mphe	1.409	1.159	1.173	1.032	1.355	1.370	1.250	11.99
23)	I	CI40	Naphthalene-d8	----------			ISTD	----------			
24)	S	CS20	Nitrobenzene-d	0.315	0.277	0.294	0.273	0.294	0.304	0.293	5.31
25)	T	C410	Nitrobenzene	0.295	0.258	0.272	0.249	0.279	0.290	0.274	6.57
26)	T	C415	Isophorone	0.592	0.516	0.534	0.509	0.548	0.586	0.547	6.37
27)	C	C420	2-Nitrophenol	0.166	0.149	0.161	0.153	0.161	0.169	0.160	4.70
28)	T	C425	2,4-Dimethylph	0.306	0.261	0.273	0.251	0.286	0.298	0.279	7.70
29)	T	C435	bis(2-Clethox)	0.398	0.339	0.348	0.312	0.384	0.418	0.367	10.95
30)	C	C440	2,4-Dichloroph	0.259	0.225	0.236	0.219	0.245	0.240	0.238	6.03
31)	T	C430	Benzoic acid	0.181	0.159	0.190	0.197	0.137	0.100	0.161B	23.06B
								L	M= 0.212	R=0.988	
									B= -0.079	=0.99 6/2/07	
32)	M	C445	1,2,4-Triclben	0.253	0.223	0.230	0.212	0.248	0.255	0.237	7.58
33)	T	C450	Naphthalene	0.881	0.760	0.772	0.684	0.871	0.927	0.816	11.23
34)	T	C455	4-Chloroanilin	0.339	0.304	0.324	0.310	0.305	0.323	0.317	4.36
35)	C	C460	Hexachlorobuta	0.117	0.103	0.108	0.095	0.118	0.123	0.111	9.59
36)	T	A461	Caprolactam	0.104	0.116	0.103	0.098	0.117	0.129	0.111	10.39
37)	MC	C465	4-Cl-3-mepheno	0.292	0.245	0.263	0.244	0.267	0.277	0.265	7.03
38)	T	C470	2Methylnaphtha	0.559	0.476	0.485	0.426	0.552	0.601	0.516	12.55
39)	I	CI50	Acenaphthene-d10	----------			ISTD	----------			
40)	P	C510	Hexaclcypentad	0.215	0.197	0.212	0.189	0.209	0.180	0.200	6.91
41)	C	C515	2,4,6-Triclphe	0.291	0.258	0.278	0.247	0.294	0.296	0.277	7.37
42)	T	C520	2,4,5-Triclphe	0.308	0.280	0.295	0.267	0.308	0.324	0.297	7.07

020091

43)	S	CS25	2-Fluorobiphen	0.980	0.862	0.900	0.785	1.028	1.092	0.941	12.01
44)	T	A521	1,1'-Biphenyl	1.064	1.029	1.048	0.902	1.202	1.337	1.097	13.80
45)	T	C525	2Chloronaphtha	0.941	0.827	0.871	0.785	0.952	1.020	0.899	9.72
46)	T	C530	2-Nitroaniline	0.286	0.249	0.270	0.244	0.270	0.268	0.265	5.82
47)	T	C540	Acenaphthylene	1.499	1.306	1.352	1.180	1.518	1.643	1.416	11.82
48)	T	C535	Dimethylphthal	1.175	1.010	1.098	0.970	1.173	1.262	1.115	9.91
49)	T	C543	2,6-Dinitrotol	0.273	0.236	0.262	0.240	0.270	0.255	0.256	6.03
50)	MC	C550	Acenaphthene	0.939	0.816	0.821	0.716	0.983	1.092	0.894B	15.21B
									Q	A= -0.089	R=0.995
										B= 1.060	
										C= 0.045	
51)	T	C545	3-Nitroaniline	0.236	0.205	0.231	0.223	0.239	0.274	0.235	9.70
52)	P	C555	2,4-Dinitrophe	0.146	0.129	0.155	0.149	0.123	0.079	0.130B	21.31B
									L	M= 0.161	R=0.989
										B= -0.044	
53)	T	C565	Dibenzofuran	1.339	1.144	1.192	1.031	1.353	1.451	1.252	12.46
54)	M	C570	2,4-Dinitrotol	0.372	0.318	0.351	0.318	0.354	0.348	0.344	6.24
55)	MP	C560	4-Nitrophenol	0.134	0.111	0.124	0.120	0.111	0.096	0.116	11.35
56)	T	C590	Fluorene	1.045	0.875	0.911	0.763	1.081	1.207	0.981B	16.38B
									Q	A= -0.113	R=0.989
										B= 1.211	
										C= 0.027	
57)	T	C585	4-Clphenphen e	0.517	0.433	0.441	0.367	0.531	0.602	0.482B	17.43B
									Q	A= -0.061	R=0.991
										B= 0.609	
										C= 0.010	
58)	T	C580	Diethylphthala	1.107	0.929	0.975	0.858	1.106	1.221	1.033	13.07
59)	T	C595	4-Nitroaniline	0.198	0.188	0.189	0.173	0.203	0.252	0.200	13.65
60)	I	CI60	Phenanthrene-d10	----------ISTD----------							
61)	T	D200	12Diphenylhydr	0.641	0.564	0.546	0.489	0.643	0.713	0.600	13.54
62)	T	C610	4,6-Din-2-meph	0.135	0.125	0.136	0.131	0.126	0.103	0.126	9.55
63)	C	C615	N-Nitrosodipha	0.514	0.456	0.457	0.415	0.530	0.579	0.492	12.13
64)	S	CS55	2,4,6-Tribrphe	0.088	0.078	0.079	0.072	0.087	0.086	0.082	7.60
65)	T	C625	4-Brphenphen e	0.158	0.140	0.140	0.128	0.161	0.175	0.150	11.30
66)	T	A626	Atrazine	0.145	0.142	0.137	0.127	0.174	0.202	0.155B	18.04B
									L	M= 0.115	R=0.993
										B= 0.060	
67)	T	C630	Hexachlorobenz	0.166	0.149	0.148	0.133	0.174	0.194	0.161	13.77
68)	MC	C635	Pentachlorophe	0.122	0.107	0.113	0.104	0.114	0.098	0.110	7.61
69)	T	C647	Carbazole	0.580	0.504	0.472	0.434	0.668	0.884	0.590B	28.14B
									Q	A= -0.038	R=0.994
										B= 0.528	
										C= 0.209	
70)	T	C640	Phenanthrene	0.973	0.836	0.847	0.753	1.009	1.124	0.924	14.74
71)	T	C645	Anthracene	0.998	0.866	0.858	0.763	1.028	1.129	0.940	14.31
72)	T	C650	Di-n-butylphth	1.165	0.995	1.004	0.878	1.209	1.349	1.100B	15.61B
									Q	A= -0.109	R=0.994
										B= 1.299	
										C= 0.063	
73)	C	C655	Fluoranthene	1.077	0.907	0.916	0.822	1.074	1.218	1.002	14.55
74)	I	CI70	Chrysene-d12	----------ISTD----------							
75)	M	C715	Pyrene	1.159	1.021	1.072	1.005	1.177	1.271	1.117	9.23
76)	S	CS30	Terphenyl-d14	0.684	0.603	0.617	0.579	0.699	0.777	0.660	11.26
77)	T	C720	Butylbenzylpht	0.622	0.537	0.570	0.542	0.614	0.649	0.589	7.80
78)	T	C725	3,3'-Diclbenzi	0.220	0.197	0.190	0.156	0.244	0.261	0.211B	18.16B
									Q	A= -0.031	R=0.998
										B= 0.281	
										C= -0.004	
79)	T	C730	Benzo(a)anthra	1.028	0.908	0.962	0.902	1.017	1.062	0.980	6.76
80)	T	C735	Chrysene	0.983	0.854	0.895	0.844	0.994	1.059	0.938	9.25
81)	T	C740	bis(2-Ethex)ph	0.730	0.628	0.607	0.527	0.800	0.885	0.696B	19.13B

020092

									Q	A= -0.080	R=0.995
										B= 0.826	
										C= 0.069	
82)	I	CI75	Perylene-d12	----------ISTD----------							
83)	C	C760	Di-n-octylphth	1.438	1.221	1.255	1.110	1.477	1.661	1.360	14.81
84)	T	C765	Bzo(b)fluorant	1.101	0.957	1.061	1.012	1.071	1.191	1.065	7.46
85)	T	C770	Bzo(k)fluorant	0.970	0.856	0.802	0.662	1.032	1.135	0.909B	18.71B
									Q	A= -0.143	R=0.998
										B= 1.235	
										C= -0.015	
86)	C	C775	Benzo(a)pyrene	0.988	0.879	0.908	0.840	0.989	1.044	0.941	8.26
87)	T	C780	Indeno(123-cd)	1.015	0.912	0.952	0.872	0.946	0.962	0.943	5.12
88)	T	C785	Dibz(ah)anthra	0.803	0.713	0.742	0.685	0.783	0.818	0.758	6.96
89)	T	C790	Bzo(g,h,i)pery	0.955	0.846	0.878	0.809	0.837	0.815	0.857	6.31

Total Average %RSD 8.74

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range (B) = Before Regression

B060107.M Sat Jun 02 13:33:53 2007

Form 5
GCMS Instrument Performance Check (TUNE)

DFTPP
Data File : C:\DATAB\060407\0604B00.D
Acq On : 4 Jun 2007 10:11
Sample : 534-31-PERF
Misc :
MS Integration Params: RTEINT.P
Method : Q:\DATAB\BDFTPP.M (RTE Integrator)
Title : BNA Performance Calibration
Peak Apex is scan: 178 (8.03 min)
Average of 3 scans: 177,178,179 minus background scan 158 (7.92 min)

Vial: 1
Operator:
Inst : 5973N
Multiplr: 1.00

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	80	38.9	19669	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	38.9	19650	PASS
70	69	0	2	0.4	88	PASS
127	198	25	75	51.7	26123	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	50525	PASS
199	198	5	9	6.9	3479	PASS
275	198	10	30	21.3	10769	PASS
365	198	1	100	2.4	1215	PASS
441	443	0	100	74.0	8441	PASS
442	198	40	110	109.5	55315	PASS
443	442	15	24	20.6	11400	PASS

	File	Lab ID	Extra	Batch	DF	Date	Time
1	0604B01.D	534-54-STD			1	04-Jun-07	10:30
2	0604B02.D	534-53-API			1	04-Jun-07	11:01
3	0604B10.D	20523671\B	33.3	86475	1	04-Jun-07	14:47
4	0604B11.D	20523672\S	33.3	86475	1	04-Jun-07	15:15
5	0604B12.D	20523673\M	33.3	86475	1	04-Jun-07	15:42
6	0604B13.D	20523674\M	33.3	86475	1	04-Jun-07	16:09
7	0604B14.D	20523118	33.3	86475	1	04-Jun-07	16:38
8	0604B15.D	20523119	33.3	86475	1	04-Jun-07	17:06
9	0604B16.D	20523120	33.3	86475	1	04-Jun-07	17:34
10	0604B17.D	20523121	33.3	86475	1	04-Jun-07	18:01
11	0604B18.D	20523122	33.3	86475	1	04-Jun-07	18:29
12	0604B19.D	20523123	33.3	86475	1	04-Jun-07	18:58

020008

Comments:

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound			AvgRF	CCRF	%Dev	Area%
1	I	CI30	1,4-Diclbenzene-d4		1.000	1.000	0.0	196
2	T	C319	Pyridine		1.332	1.451	-9.0	203#
3	T	C310	N-Nitrosodimeamine		0.804	0.894	-11.3	206#
4	S	CS50	2-Fluorophenol	.6	1.345	1.450	-7.7	205#
5	T	A311	Benzaldehyde	.01	0.815	0.772	5.3	199
						% Drift = 9.51		
6	S	CS70	2-Chlorophenol-d4	.8	1.201	1.230	-2.5	189
7	T	C320	Aniline		1.546	1.288	16.7	153
8	T	C325	bis(2-Cleth)ether	.7	1.390	1.413	-1.7	182
9	S	CS45	Phenol-d5	.8	1.554	1.487	4.3	171
10	MC	C315	Phenol	.8	1.660	1.588	4.3 ✓	172
11	M	C330	2-Chlorophenol	.8	1.296	1.303	-0.5	183
12	T	C335	13-Dichlorobenzene	.6	1.304	1.384	-6.2	197
13	MC	C340	14-Dichlorobenzene	.5	1.302	1.365	-4.8 ✓	193
14	S	CS75	1,2-Diclbenzene-d4	.4	0.719	0.737	-2.6	186
15	T	C350	12-Dichlorobenzene	.4	1.230	1.265	-2.9	187
16	T	C345	Benzyl alcohol		0.925	0.849	8.3	167
17	T	C357	bis(2-Clipr) ether	.01	1.661	1.620	2.5	175
18	T	C355	2-Methylphenol	.7	1.276	1.223	4.1	173
19	T	A356	Acetophenone	.01	1.407	1.204	14.4	164
20	T	C375	Hexachloroethane	.3	0.470	0.497	-5.8	193
21	MP	C370	N-Nitrosodinpramin	.5	0.850	0.758 ✓	10.8	155
22	T	C365	3Mphenol/4Mphenol	.6	1.250	1.123	10.1	157
23	I	CI40	Naphthalene-d8		1.000	1.000	0.0	172
24	S	CS20	Nitrobenzene-d5	.2	0.293	0.306	-4.5	167
25	T	C410	Nitrobenzene	.2	0.274	0.286	-4.3	166
26	T	C415	Isophorone	.4	0.547	0.523	4.5	152
27	C	C420	2-Nitrophenol	.1	0.160	0.156	2.3 ✓	161
28	T	C425	2,4-Dimethylphenol	.2	0.279	0.281	-0.7	157
29	T	C435	bis(2-Clethox)meth	.3	0.367	0.368	-0.5	159
30	C	C440	2,4-Dichlorophenol	.2	0.238	0.237	0.1 ✓	157
31	T	C430	Benzoic acid		0.161	0.115	28.6 #	109
						% Drift = 27.41#		
32	M	C445	1,2,4-Triclbenzene	.2	0.237	0.251	-6.1	170
33	T	C450	Naphthalene	.7	0.816	0.857	-5.0	167
34	T	C455	4-Chloroaniline	.01	0.317	0.237	25.5 #	120
35	C	C460	Hexachlorobutadien	.01	0.111	0.120	-8.0 ✓	175
36	T	A461	Caprolactam	.01	0.111	0.088	21.0 #	145
37	MC	C465	4-Cl-3-mephenol	.2	0.265	0.243	8.3 ✓	143
38	T	C470	2Methylnaphthalene	.4	0.516	0.503	2.6	154
39	I	CI50	Acenaphthene-d10		1.000	1.000	0.0	140

(#) = Out of Range

020138

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%
40	P	C510 Hexaclcypentadiene	.01	0.200	0.239 ✓	-19.5	156
41	C	C515 2,4,6-Triclphenol	.2	0.277	0.293	-5.6	141
42	T	C520 2,4,5-Triclphenol	.2	0.297	0.303	-1.9	138
43	S	CS25 2-Fluorobiphenyl	.7	0.941	1.036	-10.1	148
44	T	A521 1,1'-Biphenyl	.01	1.097	1.108	-1.0	146
45	T	C525 2Chloronaphthalene	.8	0.899	0.976	-8.5	146
46	T	C530 2-Nitroaniline	.01	0.265	0.250	5.4	123
47	T	C540 Acenaphthylene	1.3	1.416	1.472	-3.9	138
48	T	C535 Dimethylphthalate	.01	1.115	1.083	2.8	129
49	T	C543 2,6-Dinitrotoluene	.2	0.256	0.239	6.8	123
50	MC	C550 Acenaphthene	.9	0.894	0.933 ✓	-4.3	140
					% Drift = 4.12 ✓		
51	T	C545 3-Nitroaniline	.01	0.235	0.122	48.2 #	72
52	P	C555 2,4-Dinitrophenol	.01	0.130	0.093 ✓	28.6 #	90
					% Drift = 28.51#		
53	T	C565 Dibenzofuran	.8	1.252	1.253	-0.1	131
54	M	C570 2,4-Dinitrotoluene	.2	0.344	0.303	11.9	114
55	MP	C560 4-Nitrophenol	.01	0.116	0.085 ✓	26.4 #	89
56	T	C590 Fluorene	.9	0.981	0.968	1.3	130
					% Drift = 3.96		
57	T	C585 4-Clphenphen ether	.4	0.482	0.478	0.7	130
					% Drift = 3.71		
58	T	C580 Diethylphthalate	.01	1.033	0.952	7.8	121
59	T	C595 4-Nitroaniline	.01	0.200	0.189	5.8	134
60	I	CI60 Phenanthrene-d10		1.000	1.000	0.0	114
61	T	D200 12Diphenylhydrazin		0.600	0.671	-12.0	120
62	T	C610 4,6-Din-2-mephenol	.01	0.126	0.122	3.0	104
63	C	C615 N-Nitrosodiphamine	.01	0.492	0.530	-7.8 ✓	118
64	S	CS55 2,4,6-Tribrphenol	.01	0.082	0.095	-15.8	123
65	T	C625 4-Brphenphen ether	.1	0.150	0.172	-14.3	125
66	T	A626 Atrazine	.01	0.155	0.112	27.5 #	88
					% Drift = 28.61#		
67	T	C630 Hexachlorobenzene	.1	0.161	0.181	-12.8	125
68	MC	C635 Pentachlorophenol	.05	0.110	0.122	-11.1 ✓	115
69	T	C647 Carbazole	.01	0.590	0.568	3.8	112
					% Drift = 2.89		
70	T	C640 Phenanthrene	.7	0.924	0.990	-7.2	116
71	T	C645 Anthracene	.7	0.940	0.994	-5.7	114
72	T	C650 Di-n-butylphthalat	.01	1.100	1.076	2.2	106
					% Drift = 4.01		
73	C	C655 Fluoranthene	.6	1.002	0.987	1.5 ✓	105
74	I	CI70 Chrysene-d12		1.000	1.000	0.0	121

(#) = Out of Range

020139

Continuing Calibration Report 5973N

Method : Q:\DATAB\B060107.M (RTE Integrator)
Title : BNA - wat/soils - S
Last Update : Mon Jun 04 11:25:34 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B01.D

Min. RRF : 0.050 Min. Rel. Area : 50%
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%
75	M	C715 Pyrene	.6	1.117	1.012	9.4	106
76	S	CS30 Terphenyl-d14	.5	0.660	0.591	10.3	105
77	T	C720 Butylbenzylphthal	.01	0.589	0.534	9.3	104
78	T	C725 3,3'-Diclbenzidine	.01	0.211	0.209	1.2	115
					% Drift = 5.84		
79	T	C730 Benzo(a)anthracene	.8	0.980	1.010	-3.0	119
80	T	C735 Chrysene	.7	0.938	0.979	-4.3	121
81	T	C740 bis(2-Ethex)phthal	.01	0.696	0.673	3.4	112
					% Drift = 5.49		
82	I	CI75 Perylene-d12		1.000	1.000	0.0	148
83	C	C760 Di-n-octylphthalat	.01	1.360	1.209	11.1 ✓	124
84	T	C765 Bzo(b)fluoranthene	.7	1.065	1.077	-1.0	144
85	T	C770 Bzo(k)fluoranthene	.7	0.909	0.879	3.3	134
					% Drift = 9.17		
86	C	C775 Benzo(a)pyrene	.7	0.941	0.979	-4.0 ✓	146
87	T	C780 Indeno(123-cd)pyre	.5	0.943	1.111	-17.8	162
88	T	C785 Dibz(ah)anthracene	.4	0.758	0.858	-13.3	158
89	T	C790 Bzo(g,h,i)perylene	.5	0.857	1.062	-24.0#	164

020140

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Mon Jun 04 13:58:56 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B02.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
1	I	CI30 1,4-Dichlorobenzene-d4	1.000	1.000	0.0	150
2		D220 2-Picoline	1.382	1.195	13.6	127
3		D225 Nitrosomethylethylamine	0.600	0.583	2.8	142
4		D230 Methyl methanesulfonate	0.840	0.786	6.5	140
5		D235 N-Nitrosodiethylamine	0.618	0.391	36.7 #	96
6		D240 Ethyl methanesulfonate	0.992	1.067	-7.6	157
7		D245 Pentachloroethane	0.555	0.489	11.8	136
8		D250 N-Nitrosopyrrolidine	0.501	0.530	-5.8	153
9		D260 N-Nitrosomorpholine	0.702	0.536	23.7	117
10		D265 o-Toluidine	1.629	1.776	-9.0	168
11	I	CI40 Naphthalene-d8	1.000	1.000	0.0	205#
12		D270 N-Nitrosopiperidine	0.261	0.142	45.5 #	111
13		D290 a,a-Dimethylphenethylami	0.610	0.685	-12.3	198
				% Drift = 2.61		
14		D275 2,6-Dichlorophenol	0.248	0.268	-7.9	214#
15		D280 Hexachloropropene	0.227	0.147	35.1 #	134
16		D285 N-Nitrosodi-n-butylamine	0.218	0.166	23.8	157
17		D410 p-Phenylenediamine	0.219	0.084	61.5 #	67
				% Drift = 61.39#		
18		D295 Safrole	0.244	0.254	-4.0	211#
19	I	CI50 Acenaphthene-d10	1.000	1.000	0.0	264#
20		D305 1,2,4,5 Tetrachlorobenze	0.616	0.422	31.4 #	185
21		D300 Isosafrole	0.500	0.460	8.0	242#
22		D315 1,4-Naphthoquinone	0.352	0.497	-41.5#	348#
23		D315 m-Dinitrobenzene	0.197	0.177	10.3	226#
24		D320 Pentachlorobenzene	0.423	0.374	11.7	233#
25		D325 1-Naphthylamine	0.932	0.246	73.6 #	68
26		D330 2-Naphthylamine	0.764	0.115	84.9 #	38#
27		C321 2,3,4,6-Tetrachloropheno	0.300	0.238	20.7	204#
28		D335 5-Nitro-o-toluidine	1.591	1.210	24.0	200
29	I	CI60 Phenanthrene-d10	1.000	1.000	0.0	338#
30		D340 1,3,5-Trinitrobenzene	0.335	0.185	44.7 #	172
31		D345 Phenacetin	0.460	0.450	2.2	311#
32		D350 4-Aminobiphenyl	0.764	0.288	62.2 #	127
33		D355 Pentachloronitrobenzene	0.120	0.063	47.0 #	172
34		D360 Pronamide	0.380	0.305	19.8	259#
35		D365 2- sec butyl 4,6-dinitro	0.231	0.129	44.1 #	192
36		D370 4-Nitroquinoline 1-oxide	0.094	0.098	-3.7	295#
				% Drift = 12.78		
37		D375 Methapyrilene	0.439	0.106	75.9 #	81

(#) = Out of Range

020145

Continuing Calibration Report 5973N

Method : Q:\DATAB\BAPIX.M (RTE Integrator)
Title : Appendix IX BNA Calibration
Last Update : Mon Jun 04 13:58:56 2007
Response via : Initial Calibration

Continuing Calibration File: 0604B02.D

Min. RRF : 0.000 Min. Rel. Area : 50%
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
38	I	CI70 Chrysene-d12	1.000	1.000	0.0	268#
39		D380 Aramite	0.120	0.057	53.0#	116
40		D385 p-Dimethylaminoazobenzen	0.377	0.303	19.6	208#
41		D390 3,3'-Dimethylbenzidine	0.703	0.066	90.6#	23#
42		D391 Kepone	0.049	0.024	51.6#	156
43		D395 2-Acetylaminofluorene	0.533	0.345	35.2#	180
44	I	CI75 Perylene-d12	1.000	1.000	0.0	384#
45		D400 7,12Dimethlbenz(a)anthra	0.865	0.525	39.3#	212#
46		Hexachlorophene	0.087	0.024	72.1#	93
				% Drift = 68.83#		
47		D405 3-Methylcholanthrene	0.621	0.565	9.0	331#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Form 4x

METHOD BLANK SUMMARY

CLP Style Form IV

Sample ID : **86475 BLANK 1**
Lab ID : **20523671**
Project: **2069761**

Batch: **86475**
Lab File ID: **060407\0604B**
Analysis Time: **06/04/2007 14:47**

Client Sample ID	Lab Sample ID	Lab File ID	Analysis Date	Analysis Time
86475 LCS 1	20523672	060407\0604B11	06/04/2007	15:15
F49607-1MS 1	20523673	060407\0604B12	06/04/2007	15:42
F49607-1MSD 1	20523674	060407\0604B13	06/04/2007	16:09
F49607-1	20523118	060407\0604B14	06/04/2007	16:38
F49607-2	20523119	060407\0604B15	06/04/2007	17:06
F49607-3	20523120	060407\0604B16	06/04/2007	17:34
F49607-4	20523121	060407\0604B17	06/04/2007	18:01
F49607-5	20523122	060407\0604B18	06/04/2007	18:29
F49607-9	20523123	060407\0604B19	06/04/2007	18:58

Comments:

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069761

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
83-32-9	Acenaphthene	1	ND		330.
208-96-8	Acenaphthylene	1	ND		330.
98-86-2	Acetophenone	1	ND		330.
53-96-3	2-Acetylaminofluorene	1	ND		330.
92-67-1	4-Aminobiphenyl	1	ND		330.
62-53-3	Aniline	1	ND		330.
120-12-7	Anthracene	1	ND		330.
140-57-8	Aramite	1	ND		330.
56-55-3	Benzo(a)anthracene	1	ND		330.
205-99-2	Benzo(b)fluoranthene	1	ND		330.
207-08-9	Benzo(k)fluoranthene	1	ND		330.
191-24-2	Benzo(g,h,i)perylene	1	ND		330.
50-32-8	Benzo(a)pyrene	1	ND		330.
100-51-6	Benzyl alcohol	1	ND		330.
101-55-3	4-Bromophenylphenyl ether	1	ND		330.
85-68-7	Butylbenzylphthalate	1	ND		330.
59-50-7	4-Chloro-3-methylphenol	1	ND		330.
106-47-8	4-Chloroaniline	1	ND		330.
111-91-1	bis(2-Chloroethoxy)methane	1	ND		330.
111-44-4	bis(2-Chloroethyl) ether	1	ND		330.
91-58-7	2-Chloronaphthalene	1	ND		330.
95-57-8	2-Chlorophenol	1	ND		330.
7005-72-3	4-Chlorophenylphenyl ether	1	ND		330.
218-01-9	Chrysene	1	ND		330.
53-70-3	Dibenz(a,h)anthracene	1	ND		330.
132-64-9	Dibenzofuran	1	ND		330.
95-50-1	1,2-Dichlorobenzene	1	ND		330.
541-73-1	1,3-Dichlorobenzene	1	ND		330.
106-46-7	1,4-Dichlorobenzene	1	ND		330.
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.
120-83-2	2,4-Dichlorophenol	1	ND		330.
87-65-0	2,6-Dichlorophenol	1	ND		330.
84-66-2	Diethylphthalate	1	ND		330.
60-11-7	P-Dimethylaminoazobenzene	1	ND		330.
57-97-6	7,12-Dimethylbenz(a)anthracene	1	ND		330.
119-93-7	3,3'-Dimethylbenzidine	1	ND		330.

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

6/5/2007 17:02:21

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0651
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health ,Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069761

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
105-67-9	2,4-Dimethylphenol	1	ND		330.
122-09-8	a,a-Dimethylphenylethylamine	1	ND		330.
131-11-3	Dimethylphthalate	1	ND		330.
84-74-2	Di-n-butylphthalate	1	ND		330.
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		330.
99-65-0	1,3-Dinitrobenzene	1	ND		330.
51-28-5	2,4-Dinitrophenol	1	ND		330.
121-14-2	2,4-Dinitrotoluene	1	ND		330.
606-20-2	2,6-Dinitrotoluene	1	ND		330.
117-84-0	Di-n-octylphthalate	1	ND		330.
88-85-7	Dinoseb	1	ND		330.
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		330.
62-50-0	Ethyl methanesulfonate	1	ND		330.
206-44-0	Fluoranthene	1	ND		330.
86-73-7	Fluorene	1	ND		330.
87-68-3	Hexachloro-1,3-butadiene	1	ND		330.
118-74-1	Hexachlorobenzene	1	ND		330.
77-47-4	Hexachlorocyclopentadiene	1	ND		330.
67-72-1	Hexachloroethane	1	ND		330.
70-30-4	Hexachlorophene	1	ND		3330
1888-71-7	Hexachloropropene	1	ND		330.
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		330.
78-59-1	Isophorone	1	ND		330.
120-58-1	Isosafrole	1	ND		330.
91-80-5	Methapyrilene	1	ND		330.
56-49-5	3-Methylcholanthrene	1	ND		330.
66-27-3	Methyl methanesulfonate	1	ND		330.
91-57-6	2-Methylnaphthalene	1	ND		330.
95-48-7	2-Methylphenol (o-Cresol)	1	ND		330.
	3&4-Methylphenol	1	ND		660.
91-20-3	Naphthalene	1	ND		330.
134-32-7	1-Naphthaleneamine	1	ND		330.
91-59-8	2-Naphthaleneamine	1	ND		330.
130-15-4	1,4-Naphthoquinone	1	ND		1670
88-74-4	2-Nitroaniline	1	ND		330.
99-09-2	3-Nitroaniline	1	ND		330.

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

6/5/2007 17:02:21

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health .Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069761

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
100-01-6	4-Nitroaniline	1	ND		330.
98-95-3	Nitrobenzene	1	ND		330.
88-75-5	2-Nitrophenol	1	ND		330.
100-02-7	4-Nitrophenol	1	ND		330.
56-57-5	4-Nitroquinoline-n-oxide	1	ND		330.
99-55-8	5-Nitro-o-toluidine	1	ND		330.
55-18-5	N-Nitrosodiethylamine	1	ND		330.
62-75-9	N-Nitrosodimethylamine	1	ND		330.
924-16-3	N-Nitroso-di-n-butylamine	1	ND		330.
621-64-7	N-Nitroso-di-n-propylamine	1	ND		330.
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	330.
10595-95-6	N-Nitrosomethylethylamine	1	ND		330.
59-89-2	N-Nitrosomorpholine	1	ND		330.
100-75-4	N-Nitrosopiperidine	1	ND		330.
930-55-2	N-Nitrosopyrrolidine	1	ND		330.
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		330.
608-93-5	Pentachlorobenzene	1	ND		330.
76-01-7	Pentachloroethane	1	ND		330.
82-68-8	Pentachloronitrobenzene	1	ND		330.
87-86-5	Pentachlorophenol	1	ND		330.
62-44-2	Phenacetin	1	ND		330.
85-01-8	Phenanthrene	1	ND		330.
108-95-2	Phenol	1	ND		330.
106-50-3	p-Phenylenediamine	1	ND		330.
109-06-8	2-Picoline	1	ND		330.
23950-58-5	Pronamide	1	ND		330.
129-00-0	Pyrene	1	ND		330.
110-86-1	Pyridine	1	ND		330.
94-59-7	Safrole	1	ND		330.
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		330.
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		330.
95-53-4	O-Toluidine	1	ND		330.
120-82-1	1,2,4-Trichlorobenzene	1	ND		330.
95-95-4	2,4,5-Trichlorophenol	1	ND		330.
88-06-2	2,4,6-Trichlorophenol	1	ND		330.
99-35-4	1,3,5-Trinitrobenzene	1	ND		330.

6/5/2007 17:02:21

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA050023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20523671

Description: 8270 SVOAs Low Soil **Project No.:** 2069761

Method: EPA 8270 **Batch:** 86475 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 29-May-07 **Analyzed:** 06/04/07 14:47 JAM

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit

108 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

6/5/2007 17:02:21

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health _Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270
Pennsylvania DEP (NELAC) 68-04202

APPENDIX IX SVOCs			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (ug/kg)	Residential Soil Action Level (mg/kg)
1,2,4,5-Tetrachlorobenzene	2.3		6.3
1,2,4-trichlorobenzene	22.5	9200	560
1,3,5-Trinitrobenzene	19		1300
1,4-Naphthoquinone	-9999		-9999
1-Naphthylamine	-9999		-9999
2,3,4,6-Tetrachlorophenol	4.5		1500
2,4,5-trichlorophenol	22.5	130000000	6000
2,4,6-trichlorophenol	6.5	230000	72
2,4-dichlorophenol	13	2400000	130
2,4-dimethylphenol	261	29 *	910
2,4-dinitrophenol	3	1200000	66
2,4-dinitrotoluene	9.1	4300	1.3
2,6-Dichlorophenol	73		170
2,6-dinitrotoluene	4	3800	1
2-Acetylaminofluorene	-9999		-9999
2-chloronaphthalene	-9999	61000000	4000
2-chlorophenol	130	860000	82
2-methylnaphthalene	30	20.2 *	80
2-methylphenol	250	63 *	2400
2-Naphthylamine	-9999		-9999
2-nitroaniline	-9999	130000	5.7
2-nitrophenol	-9999	0	390
2-Picoline	-9999	0	-9999
3-methylphenol	445	33000000	2500
4-methylphenol	70	3400000	250
3,3'-dichlorobenzidine	0.06	9900	2.1
3-Methylcholanthrene	-9999	NA	-9999
3-nitroaniline	-9999	130000	5.2
4-Aminobiphenyl	-9999	NA	-9999
4-bromophenyl phenyl ether	-9999	1300	-9999
4-chloro-3-methylphenol	100	8000000	410
4-chloroaniline	2.5	3700000	190
4-chlorophenyl phenyl ether	-9999	NA	-9999
4-nitroaniline	1200	96000	5.2
4-nitrophenol	55	7900000	390
4-Nitroquinoline-1-Oxide	-9999	NA	-9999
5-Nitro-O-Toluidine	-9999	NA	-9999

Rev 0
7/19/2007
KAC

APPENDIX IX SVOCs			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (ug/kg)	Residential Soil Action Level (mg/kg)
7,12-Dimethylbenz(a)Anthracene	-9999	NA	-9999
a,a-Dimethylphenethylamine	-9999	NA	-9999
Acenaphthene	3	6.71	1900
Acenaphthylene	0.031	5.87	1100
Acetophenone	7750	NA	2700
Aniline	4	NA	14
Anthracene	0.3	46.9	18000
Aramite	3	NA	-9999
Benzo(a)anthracene	0.031	74.8	1.4
Benzo(a)pyrene	0.031	88.8	0.1
Benzo(b)fluoranthene	0.031	3200	1.4
Benzo(g,h,i)perylene	0.031	670	2300
Benzo(k)fluoranthene	0.031	66000	15
Benzyl Alcohol	500	NA	23000
Bis(2-chloroethoxy)methane	-9999	NA	-9999
Bis(2-chloroethyl)ether	9.99	500	0.3
Bis(2-ethylhexyl)phthalate	0.02	182	76
Butyl benzyl phthalate	25.5	63	15000
Chlorobenzilate	0.09	NA	3.9
Chrysene	0.031	108	140
Diallate	-9999	NA	17
Dibenzo(a,h)anthracene	0.031	6.22	0.1
Dibenzofuran	67	540	280
Diethyl phthalate	380	200	54000
Dimethoate	0.1	NA	8.4
Dimethyl phthalate	1450	NA	590000
Di-n-butyl phthalate	23	1400	7300
Di-n-octyl phthalate	-9999	6200	1500
Diphenylamine	-9999	NA	-9999
Dinoseb	5.9	NA	55
Fluoranthene	0.3	113	2900
Fluorene	30	19	2200
Hexachlorobenzene	0.00036	22	0.5
Hexachlorobutadiene	49.7	11	6.3
Hexachlorocyclopentadiene	2.95	50000	2.4
Hexachloroethane	1.1	1000	34
Hexachlorophene	1.05	NA	-9999
Hexachloropropene	-9999	NA	-9999

Rev 0
7/19/2007
KAC

APPENDIX IX SVOCs			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (ug/kg)	Residential Soil Action Level (mg/kg)
Indeno(1,2,3-cd)pyrene	0.031	600	1.5
Isodrin	-9999	NA	-9999
Isophorone	645	1200000	340
Isosafrole	-9999	NA	-9999
Methapyrilene	-9999	NA	-9999
Naphthalene	26	34.6	40
Nitrobenzene	90	140000	14
N-Nitrosodiethylamine	0.18	NA	0.003
N-Nitrosodimethylamine	0.53	NA	0.009
N-Nitroso-Di-n-Butylamine	0.16	NA	0.05
N-Nitroso-Di-n-Propylamine	0.83	NA	0.09
n-nitrosodiphenylamine	44	28	170
N-Nitrosomethylethylamine	1.22	NA	0.01
N-Nitrosomorpholine	-9999	-9999	-9999
N-Nitrosopiperidine	-9999	-9999	-9999
N-Nitrosopyrrolidine	-9999	-9999	-9999
o-Toluidine	26	NA	1.8
Pentachlorobenzene	1.7	NA	27
Pentachloronitrobenzene	0.04	NA	3
Pentachlorophenol	8.2	360	7.7
Phenacetin	-9999	NA	-9999
Phenanthrene	0.031	86.7	2000
Phenol	6.5	420	900
Pronamide	53	NA	-9999
Pyrene	0.3	153	2200
Pyridine	1300	NA	13
Safrole	-9999	NA	-9999
Sulfotepp	0.0115	NA	31
Thionazin	-9999	NA	-9999

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT	JOB NUMBER		
Key West	SDG F49607		
SUBJECT	field dups		
BASED ON	DRAWING NUMBER		
BY	CHECKED BY	APPROVED BY	DATE

no posilve results reported
for sample pair
SI-SD-24-00-0507 / SI-FD-051607-01

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JULY 19, 2007**

FROM: **TERRI L. SOLOMON** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC / INORGANIC DATA VALIDATION – PESTICIDES, TAL METALS PLUS TIN, CHLORIDE, COLOR, TOTAL DISSOLVED SOLIDS, pH, PERCENT SOLIDS**
CTO 044 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – F49607

SAMPLES: 6/Solids

S1-FD-051607-01	S1-SD-20-00-0507
S1-SD-21-00-0507	S1-SD-22-00-0507
S1-SD-23-00-0507	S1-SD-24-00-0507

4/Aqueous

S1-FD-051607-02	S1-SW-20-00-0507
S1-SW-21-00-0507	S1-SW-24-00-0507

Overview

The sample set for NAS Key West, CTO 044, SDG F49607, consists of six (6) soil environmental samples and four (4) aqueous environmental samples. Two (2) field duplicate pairs (S1-SD-24-00-0507 / S1-FD-051607-01 and S1-SW-24-00-0507 / S1-FD-051607-02) were included within this SDG.

All soil samples with the exception of S1-FD-051607-01 were analyzed for pesticides, target analyte list (TAL) metals plus tin and percent solids. Sample S1-FD-051607-01 was analyzed for TAL metals plus tin and percent solids. All aqueous samples were analyzed for TAL metals plus tin, chloride, color, total dissolved solids and pH. The samples were collected by Tetra Tech NUS on May 16, 2007 and analyzed by Accutest Laboratories under Naval Facilities Engineering Service Center (NFESC) Quality Assurance / Quality Control (QA/QC) criteria. Pesticide analyses were conducted using SW-846 method 8081A. Metals analyses were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A/7471A. Percent solid analyses were conducted using EPA method 160.3. Chloride analyses were conducted using EPA method 300 / SW-846 method 9056. Color analyses were conducted using EPA method 110.2. Total dissolved solid analyses were conducted using EPA method 160.1 and pH analyses were conducted using EPA method 150.1.

These data were evaluated based on the following parameters:

- Data Completeness
- Holding Times
- Initial and Continuing Calibrations
- Laboratory Method / Preparation Blank Analyses
- Field Duplicate Results

* • Detection Limits

* - All quality control criteria were met for this parameter.

Pesticides

Continuing calibration percent difference on 6/01/07 19:34 instrument GCTT for endrin ketone, heptachlor, 4,4-DDT and Methoxychlor affecting all samples was > 15% quality control limit on both columns. No validation actions were warranted as all sample results were nondetects.

Continuing calibration percent difference on 6/01/07 19:34 instrument GCTT for 4-4'-DDD affecting all samples was > 15% quality control limit on column #2. No validation actions were warranted as only one column was outside the quality control limits and the positive result was reported from column #1.

Continuing calibration percent differences on 6/04/07 19:15 instrument GCTT for 4-4'-DDT and Methoxychlor affecting all samples were > 15% quality control limit on both columns. No validation actions were warranted as all sample results were nondetects.

Samples S1-SD-20-00-0507, S1-SD-21-00-0507 and S1-SD-24-00-0507 were analyzed at a 20X dilution for all compounds except 4,4'DDT, Heptachlor and Methoxychlor. These compounds were analyzed at a 50X dilution.

Samples S1-SD-22-00-0507 and S1-SD-23-00-0507 were analyzed at a 10X dilution for all compounds except 4,4'DDT, Heptachlor and Methoxychlor. These compounds were analyzed at a 50X dilution. Elevated detection limits were reported because of the dilutions.

Metals

Continuing calibration percent recoveries on 5/23/07 02:21 for beryllium and thallium affecting samples S1-SW-20-00-0507, S1-SW-21-00-0507, S1-SW-24-00-0507 and S1-FD-051607-02 were > 110% quality control limit. The positive result reported for thallium for sample S1-SW-24-00-0507 was qualified as estimated, "J". Nondetected results reported for thallium and beryllium were not impacted by this noncompliance.

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentration:

Affects aqueous samples only.

Analyte	Maximum Concentration	Action Level
Aluminum[(1)]	46.5 ug/L	232.5 ug/L
Chromium	0.65 ug/L	3.25 ug/L
Iron[(1)]	18.2 ug/L	91.0 ug/L
Magnesium[(2)]	7.6 ug/L	38.0 ug/L
Potassium[(2)]	44.9 ug/L	224.5 ug/L
Selenium[(1)]	2.2 ug/L	11.0 ug/L

(1) Maximum concentration present in an aqueous preparation blank.
(2) Affects samples analyzed on 05/23/07 with batch MA5734.

Affects soil samples only.

Analyte	Maximum Concentration	Action Level
Aluminum	69.3 ug/L	17.325 mg/kg
Antimony	7.6 ug/L	1.9 mg/kg
Beryllium	3.4 ug/L	0.85 mg/kg
Iron[(3)]	1.9 mg/kg	9.5 mg/kg
Lead[(3)]	0.20 mg/kg	1.0 mg/kg
Magnesium	10.2 ug/L	2.55 mg/kg
Nickel	10.3 ug/L	2.575 mg/kg
Potassium	44.9 ug/L	11.2 mg/kg
Selenium	3.3 ug/L	0.82 mg/kg
Thallium	4.3 ug/L	1.07 mg/kg
Tin	4.1 ug/L	1.02 mg/kg
Vanadium[(3)]	0.046 mg/kg	0.23 mg/kg

[(3)] Maximum concentration present in a soil preparation blank.

An action level of 5X the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot, percent solids and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level for aluminum, antimony, arsenic, beryllium, chromium, copper, lead, nickel selenium and tin were qualified "U" as a result of laboratory blank contamination.

The laboratory reported results for sodium for samples S1-FD-051607-02, S1-SW-20-00-0507 and S1-SW-24-00-0507 over the calibration range of the instrument. The positive results reported for sodium in the affected samples were qualified as estimated, "J".

Miscellaneous Parameters

Field duplicate imprecision (> 30% relative percent difference) was noted for sample pair S1-SW-24-00-0507 / S1-FD-051607-02 for color and total dissolved solids. The positive results reported in the affected samples were qualified as estimated, "J".

Notes

Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) for the organic analyses were qualified as estimated, "J".

Sample S1-FD-051607-01 was marked on the chain of custody for pesticide analysis but was not analyzed. The laboratory was contacted on July 18, 2007 and due to an oversight the sample was not analyzed. Because the holding time had expired and there is a corresponding field duplicate for the sample in question, analysis was not requested.

Most pesticide compounds contained detection limits that exceeded sediment criteria specified in the laboratory statement of work. This item is noted for completeness.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method / preparation blanks for the metals analyses. The laboratory reported results for sodium for samples S1-FD-051607-02, S1-SW-20-00-0507 and S1-SW-24-00-0507 over the calibration range of the instrument.

Other Factors Affecting Data Quality: Field duplicate imprecision (> 30%) was noted for sample pair S1-SW-24-00-0507 / S1-FD-051607-02 for color and total dissolved solids.

The data for these analyses were reviewed with reference to the "EPA Functional Guidelines for Organic Data Validation", October 1999, the "National Functional Guidelines for Inorganic Review", October 2004 and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories", January 2006.

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Terri L. Solomon
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:
1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS-GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O - Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DOT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: F49607 MEDIA: WATER DATA FRACTION: M

nsample	S1-FD-051607-02	nsample	S1-SW-20-00-0507	nsample	S1-SW-21-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-10	lab_id	F49607-6	lab_id	F49607-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:	S1-SW-24-00-0507	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	141	U	A
ANTIMONY	3.4	U	
ARSENIC	14.7		
BARIUM	26.1		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	399000		
CHROMIUM	1.4	U	A
COBALT	1	U	
COPPER	1	U	
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	1190000		
MANGANESE	10.6		
MERCURY	0.1	U	
NICKEL	1	U	
POTASSIUM	629000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	8420000	J	L
THALLIUM	2.9	U	
TIN	3.8	U	
VANADIUM	4.7		
ZINC	3.4		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	106	U	A
ANTIMONY	3.4	U	
ARSENIC	10.2		
BARIUM	16.9		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	326000		
CHROMIUM	1.1	U	A
COBALT	1	U	
COPPER	3		
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	597000		
MANGANESE	15.2		
MERCURY	0.1	U	
NICKEL	1.8		
POTASSIUM	318000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	4140000	J	L
THALLIUM	2.9	U	
TIN	3.8	U	
VANADIUM	3.1		
ZINC	10.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	81.4	U	A
ANTIMONY	3.4	U	
ARSENIC	4.2		
BARIUM	9.7		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	178000		
CHROMIUM	0.9	U	A
COBALT	1	U	
COPPER	1	U	
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	362000		
MANGANESE	13.4		
MERCURY	0.1	U	
NICKEL	1.8		
POTASSIUM	222000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	2240000		
THALLIUM	2.9	U	
TIN	3.8	U	
VANADIUM	2		
ZINC	2.3		

PROJ_NO: 00486

SDG: F49607 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-24-00-0507
samp_date	5/16/2007
lab_id	F49607-8
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	48.6	U	A
ANTIMONY	4.1		
ARSENIC	15		
BARIUM	25.6		
BERYLLIUM	1	U	
CADMIUM	1	U	
CALCIUM	399000		
CHROMIUM	0.6	U	
COBALT	1	U	
COPPER	1	U	
IRON	15	U	
LEAD	1.7	U	
MAGNESIUM	1210000		
MANGANESE	10.6		
MERCURY	0.23		
NICKEL	1	U	
POTASSIUM	651000		
SELENIUM	2.8	U	
SILVER	0.9	U	
SODIUM	8350000	J	L
THALLIUM	4.2	J	C
TIN	3.8	U	
VANADIUM	5.1		
ZINC	2.5		

PROJ_NO: 00486

SDG: F49607 MEDIA: WATER DATA FRACTION: MISC

nsample	S1-FD-051607-02	nsample	S1-SW-20-00-0507	nsample	S1-SW-21-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-10	lab_id	F49607-6	lab_id	F49607-7
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:	S1-SW-24-00-0507	DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	19600		
COLOR	CU	120	J	G
PH	S.U.	7.7		
TOTAL DISSOLVED SOLIDS	MG/L	34600	J	G

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	8770		
COLOR	CU	450		
PH	S.U.	7.8		
TOTAL DISSOLVED SOLIDS	MG/L	29600		

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	5790		
COLOR	CU	400		
PH	S.U.	7.8		
TOTAL DISSOLVED SOLIDS	MG/L	12800		

PROJ_NO: 00486

SDG: F49607 MEDIA: WATER DATA FRACTION: MISC

nsample	S1-SW-24-00-0507
samp_date	5/16/2007
lab_id	F49607-8
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
CHLORIDE	MG/L	19400		
COLOR	CU	80	J	G
PH	S.U.	7.6		
TOTAL DISSOLVED SOLIDS	MG/L	74400	J	G

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-20-00-0507	nsample	S1-SD-21-00-0507	nsample	S1-SD-22-00-0507
samp_date	5/16/2007	samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-1	lab_id	F49607-2	lab_id	F49607-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	42.9	Pct_Solids	53.3	Pct_Solids	83.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	85.6	J	P
4,4'-DDE	31	U	
4,4'-DDT	120	U	
ALDRIN	31	U	
ALPHA-BHC	31	U	
BETA-BHC	31	U	
CHLORDANE	380	U	
DELTA-BHC	31	U	
DIELDRIN	31	U	
ENDOSULFAN I	31	U	
ENDOSULFAN II	31	U	
ENDOSULFAN SULFATE	31	U	
ENDRIN	31	U	
ENDRIN ALDEHYDE	62	U	
ENDRIN KETONE	31	U	
GAMMA-BHC (LINDANE)	31	U	
HEPTACHLOR	77	U	
HEPTACHLOR EPOXIDE	31	U	
METHOXYCHLOR	150	U	
TOXAPHENE	1900	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	25	U	
4,4'-DDE	25	U	
4,4'-DDT	94	U	
ALDRIN	25	U	
ALPHA-BHC	25	U	
BETA-BHC	25	U	
CHLORDANE	310	U	
DELTA-BHC	25	U	
DIELDRIN	25	U	
ENDOSULFAN I	25	U	
ENDOSULFAN II	25	U	
ENDOSULFAN SULFATE	25	U	
ENDRIN	25	U	
ENDRIN ALDEHYDE	50	U	
ENDRIN KETONE	25	U	
GAMMA-BHC (LINDANE)	25	U	
HEPTACHLOR	63	U	
HEPTACHLOR EPOXIDE	25	U	
METHOXYCHLOR	130	U	
TOXAPHENE	1600	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	8	U	
4,4'-DDE	8	U	
4,4'-DDT	60	U	
ALDRIN	8	U	
ALPHA-BHC	8	U	
BETA-BHC	8	U	
CHLORDANE	100	U	
DELTA-BHC	8	U	
DIELDRIN	8	U	
ENDOSULFAN I	8	U	
ENDOSULFAN II	8	U	
ENDOSULFAN SULFATE	8	U	
ENDRIN	8	U	
ENDRIN ALDEHYDE	16	U	
ENDRIN KETONE	8	U	
GAMMA-BHC (LINDANE)	8	U	
HEPTACHLOR	40	U	
HEPTACHLOR EPOXIDE	8	U	
METHOXYCHLOR	80	U	
TOXAPHENE	500	U	

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-23-00-0507	nsample	S1-SD-24-00-0507
samp_date	5/16/2007	samp_date	5/16/2007
lab_id	F49607-4	lab_id	F49607-5
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	70.3	Pct_Solids	63.5
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code	Parameter	Result	Val Qual	Qual Code
4,4'-DDD	9.3	U		4,4'-DDD	21	U	
4,4'-DDE	9.3	U		4,4'-DDE	21	U	
4,4'-DDT	70	U		4,4'-DDT	77	U	
ALDRIN	9.3	U		ALDRIN	21	U	
ALPHA-BHC	9.3	U		ALPHA-BHC	21	U	
BETA-BHC	9.3	U		BETA-BHC	21	U	
CHLORDANE	120	U		CHLORDANE	260	U	
DELTA-BHC	9.3	U		DELTA-BHC	21	U	
DIELDRIN	9.3	U		DIELDRIN	21	U	
ENDOSULFAN I	9.3	U		ENDOSULFAN I	21	U	
ENDOSULFAN II	9.3	U		ENDOSULFAN II	21	U	
ENDOSULFAN SULFATE	9.3	U		ENDOSULFAN SULFATE	21	U	
ENDRIN	9.3	U		ENDRIN	21	U	
ENDRIN ALDEHYDE	19	U		ENDRIN ALDEHYDE	42	U	
ENDRIN KETONE	9.3	U		ENDRIN KETONE	21	U	
GAMMA-BHC (LINDANE)	9.3	U		GAMMA-BHC (LINDANE)	21	U	
HEPTACHLOR	47	U		HEPTACHLOR	52	U	
HEPTACHLOR EPOXIDE	9.3	U		HEPTACHLOR EPOXIDE	21	U	
METHOXYCHLOR	93	U		METHOXYCHLOR	100	U	
TOXAPHENE	580	U		TOXAPHENE	1300	U	

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: M

nsample	S1-FD-051607-01
samp_date	5/16/2007
lab_id	F49607-9
qc_type	NM
units	MG/KG
Pct_Solids	59.8
DUP_OF:	S1-SD-24-00-0507

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1750		
ANTIMONY	0.43	U	
ARSENIC	1.3		
BARIUM	5.4		
BERYLLIUM	0.25	U	A
CADMIUM	0.19		
CALCIUM	84900		
CHROMIUM	4.5		
COBALT	0.088		
COPPER	7.6		
IRON	768		
LEAD	9.7		
MAGNESIUM	7910		
MANGANESE	11.7		
MERCURY	0.051		
NICKEL	1.8	U	A
POTASSIUM	1710		
SELENIUM	0.16	U	
SILVER	0.074	U	
SODIUM	17700		
THALLIUM	0.76	U	
TIN	1.4	U	A
VANADIUM	3.7		
ZINC	20.9		

nsample	S1-SD-20-00-0507
samp_date	5/16/2007
lab_id	F49607-1
qc_type	NM
units	MG/KG
Pct_Solids	42.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	441		
ANTIMONY	0.62	U	
ARSENIC	2.4		
BARIUM	2.1		
BERYLLIUM	0.27	U	A
CADMIUM	0.19		
CALCIUM	30300		
CHROMIUM	1.5		
COBALT	0.12	U	
COPPER	11.1		
IRON	528		
LEAD	4		
MAGNESIUM	4970		
MANGANESE	6.9		
MERCURY	0.077		
NICKEL	1.4	U	A
POTASSIUM	1010		
SELENIUM	0.55	U	A
SILVER	0.1	U	
SODIUM	14600		
THALLIUM	1.1	U	
TIN	2.6	U	A
VANADIUM	3.6		
ZINC	39.8		

nsample	S1-SD-21-00-0507
samp_date	5/16/2007
lab_id	F49607-2
qc_type	NM
units	MG/KG
Pct_Solids	53.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	55.4		
ANTIMONY	0.49	U	
ARSENIC	0.36	U	
BARIUM	0.46	U	
BERYLLIUM	0.18	U	
CADMIUM	0.092	U	
CALCIUM	5500		
CHROMIUM	0.37		
COBALT	0.092	U	
COPPER	0.69		
IRON	85.3		
LEAD	0.67	U	A
MAGNESIUM	1470		
MANGANESE	1.7		
MERCURY	0.011	U	
NICKEL	0.54	U	A
POTASSIUM	309		
SELENIUM	0.38	U	A
SILVER	0.083	U	
SODIUM	5690		
THALLIUM	0.84	U	
TIN	1.2	U	A
VANADIUM	1.7		
ZINC	3.5		

PROJ_NO: 00486

SDG: F49607 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-22-00-0507
samp_date	5/16/2007
lab_id	F49607-3
qc_type	NM
units	MG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1790		
ANTIMONY	0.32	U	
ARSENIC	0.91		
BARIUM	13.3		
BERYLLIUM	0.36	U	A
CADMIUM	0.098		
CALCIUM	346000		
CHROMIUM	3.7		
COBALT	0.14		
COPPER	1.2		
IRON	658		
LEAD	3.9		
MAGNESIUM	4880		
MANGANESE	10.1		
MERCURY	0.013		
NICKEL	1.9	U	A
POTASSIUM	650		
SELENIUM	0.12	U	
SILVER	0.054	U	
SODIUM	8110		
THALLIUM	0.56	U	
TIN	0.72	U	A
VANADIUM	2.8		
ZINC	4.9		

nsample	S1-SD-23-00-0507
samp_date	5/16/2007
lab_id	F49607-4
qc_type	NM
units	MG/KG
Pct_Solids	70.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	859		
ANTIMONY	0.42	U	A
ARSENIC	1.4		
BARIUM	5		
BERYLLIUM	0.18	U	A
CADMIUM	0.1		
CALCIUM	77300		
CHROMIUM	2		
COBALT	0.069	U	
COPPER	3.6		
IRON	544		
LEAD	2.9		
MAGNESIUM	8430		
MANGANESE	11.2		
MERCURY	0.012		
NICKEL	1.4	U	A
POTASSIUM	1610		
SELENIUM	0.14	U	
SILVER	0.076		
SODIUM	18700		
THALLIUM	0.64	U	
TIN	1.2	U	A
VANADIUM	2.2		
ZINC	14.5		

nsample	S1-SD-24-00-0507
samp_date	5/16/2007
lab_id	F49607-5
qc_type	NM
units	MG/KG
Pct_Solids	63.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1190		
ANTIMONY	0.41	U	
ARSENIC	1.3		
BARIUM	3.9		
BERYLLIUM	0.24	U	A
CADMIUM	0.18		
CALCIUM	67500		
CHROMIUM	3.5		
COBALT	0.077	U	
COPPER	6.5		
IRON	623		
LEAD	6.9		
MAGNESIUM	6420		
MANGANESE	9.1		
MERCURY	0.058		
NICKEL	1.4	U	A
POTASSIUM	1500		
SELENIUM	0.15	U	
SILVER	0.08		
SODIUM	18200		
THALLIUM	0.72	U	
TIN	1.4	U	A
VANADIUM	3.4		
ZINC	17.4		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-20-00-0507		
Lab Sample ID:	F49607-1	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	42.9
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06862.D	20	06/01/07	FS	05/30/07	OP20809	GTT239
Run #2 [a]	TT06889.D	50	06/04/07	FS	05/30/07	OP20809	GTT240

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2	30.3 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	31 U	77	31	ug/kg	
319-84-6	alpha-BHC	31 U	77	31	ug/kg	
319-85-7	beta-BHC	31 U	77	31	ug/kg	
319-86-8	delta-BHC	31 U	77	31	ug/kg	
58-89-9	gamma-BHC (Lindane)	31 U	77	31	ug/kg	
12789-03-6	Chlordane	380 U	770	380	ug/kg	
60-57-1	Dieldrin	31 U	77	31	ug/kg	
72-54-8	4,4'-DDD	85.6	150	31	ug/kg	I
72-55-9	4,4'-DDE	31 U	150	31	ug/kg	
50-29-3	4,4'-DDT	120 U [b]	380	120	ug/kg	
72-20-8	Endrin	31 U	150	31	ug/kg	
1031-07-8	Endosulfan sulfate	31 U	150	31	ug/kg	
7421-93-4	Endrin aldehyde	62 U	150	62	ug/kg	
53494-70-5	Endrin ketone	31 U	150	31	ug/kg	
959-98-8	Endosulfan-I	31 U	77	31	ug/kg	
33213-65-9	Endosulfan-II	31 U	150	31	ug/kg	
76-44-8	Heptachlor	77 U [b]	190	77	ug/kg	
1024-57-3	Heptachlor epoxide	31 U	77	31	ug/kg	
72-43-5	Methoxychlor	150 U [b]	380	150	ug/kg	
8001-35-2	Toxaphene	1900 U	3800	1900	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [c]	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	0% [c]	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-21-00-0507		
Lab Sample ID:	F49607-2	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	53.3
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06863.D	20	06/01/07	FS	05/30/07	OP20809	GTT239
Run #2 [a]	TT06890.D	50	06/04/07	FS	05/30/07	OP20809	GTT240

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2	30.0 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	25 U	63	25	ug/kg	
319-84-6	alpha-BHC	25 U	63	25	ug/kg	
319-85-7	beta-BHC	25 U	63	25	ug/kg	
319-86-8	delta-BHC	25 U	63	25	ug/kg	
58-89-9	gamma-BHC (Lindane)	25 U	63	25	ug/kg	
12789-03-6	Chlordane	310 U	630	310	ug/kg	
60-57-1	Dieldrin	25 U	63	25	ug/kg	
72-54-8	4,4'-DDD	25 U	130	25	ug/kg	
72-55-9	4,4'-DDE	25 U	130	25	ug/kg	
50-29-3	4,4'-DDT	94 U [b]	310	94	ug/kg	
72-20-8	Endrin	25 U	130	25	ug/kg	
1031-07-8	Endosulfan sulfate	25 U	130	25	ug/kg	
7421-93-4	Endrin aldehyde	50 U	130	50	ug/kg	
53494-70-5	Endrin ketone	25 U	130	25	ug/kg	
959-98-8	Endosulfan-I	25 U	63	25	ug/kg	
33213-65-9	Endosulfan-II	25 U	130	25	ug/kg	
76-44-8	Heptachlor	63 U [b]	160	63	ug/kg	
1024-57-3	Heptachlor epoxide	25 U	63	25	ug/kg	
72-43-5	Methoxychlor	130 U [b]	310	130	ug/kg	
8001-35-2	Toxaphene	1600 U	3100	1600	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [c]	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	0% [c]	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result >= MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-22-00-0507		
Lab Sample ID:	F49607-3	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	83.0
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06864.D	10	06/01/07	FS	05/30/07	OP20809	GTT239
Run #2 [a]	TT06891.D	50	06/04/07	FS	05/30/07	OP20809	GTT240

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2	30.0 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	8.0 U	20	8.0	ug/kg	
319-84-6	alpha-BHC	8.0 U	20	8.0	ug/kg	
319-85-7	beta-BHC	8.0 U	20	8.0	ug/kg	
319-86-8	delta-BHC	8.0 U	20	8.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	8.0 U	20	8.0	ug/kg	
12789-03-6	Chlordane	100 U	200	100	ug/kg	
60-57-1	Dieldrin	8.0 U	20	8.0	ug/kg	
72-54-8	4,4'-DDD	8.0 U	40	8.0	ug/kg	
72-55-9	4,4'-DDE	8.0 U	40	8.0	ug/kg	
50-29-3	4,4'-DDT	60 U [b]	200	60	ug/kg	
72-20-8	Endrin	8.0 U	40	8.0	ug/kg	
1031-07-8	Endosulfan sulfate	8.0 U	40	8.0	ug/kg	
7421-93-4	Endrin aldehyde	16 U	40	16	ug/kg	
53494-70-5	Endrin ketone	8.0 U	40	8.0	ug/kg	
959-98-8	Endosulfan-I	8.0 U	20	8.0	ug/kg	
33213-65-9	Endosulfan-II	8.0 U	40	8.0	ug/kg	
76-44-8	Heptachlor	40 U [b]	100	40	ug/kg	
1024-57-3	Heptachlor epoxide	8.0 U	20	8.0	ug/kg	
72-43-5	Methoxychlor	80 U [b]	200	80	ug/kg	
8001-35-2	Toxaphene	500 U	1000	500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	90%	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-23-00-0507		
Lab Sample ID:	F49607-4	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	70.3
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	TT06865.D	10	06/01/07	FS	05/30/07	OP20809	GTT239
Run #2	TT06892.D	50	06/04/07	FS	05/30/07	OP20809	GTT240

	Initial Weight	Final Volume
Run #1	30.5 g	10.0 ml
Run #2	30.5 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	9.3 U	23	9.3	ug/kg	
319-84-6	alpha-BHC	9.3 U	23	9.3	ug/kg	
319-85-7	beta-BHC	9.3 U	23	9.3	ug/kg	
319-86-8	delta-BHC	9.3 U	23	9.3	ug/kg	
58-89-9	gamma-BHC (Lindane)	9.3 U	23	9.3	ug/kg	
12789-03-6	Chlordane	120 U	230	120	ug/kg	
60-57-1	Dieldrin	9.3 U	23	9.3	ug/kg	
72-54-8	4,4'-DDD	9.3 U	47	9.3	ug/kg	
72-55-9	4,4'-DDE	9.3 U	47	9.3	ug/kg	
50-29-3	4,4'-DDT	70 U [a]	230	70	ug/kg	
72-20-8	Endrin	9.3 U	47	9.3	ug/kg	
1031-07-8	Endosulfan sulfate	9.3 U	47	9.3	ug/kg	
7421-93-4	Endrin aldehyde	19 U	47	19	ug/kg	
53494-70-5	Endrin ketone	9.3 U	47	9.3	ug/kg	
959-98-8	Endosulfan-I	9.3 U	23	9.3	ug/kg	
33213-65-9	Endosulfan-II	9.3 U	47	9.3	ug/kg	
76-44-8	Heptachlor	47 U [a]	120	47	ug/kg	
1024-57-3	Heptachlor epoxide	9.3 U	23	9.3	ug/kg	
72-43-5	Methoxychlor	93 U [a]	230	93	ug/kg	
8001-35-2	Toxaphene	580 U	1200	580	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	41% [b]	0% [b]	46-122%
2051-24-3	Decachlorobiphenyl	91%	0% [b]	50-133%

(a) Result is from Run# 2
(b) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-24-00-0507		
Lab Sample ID:	F49607-5	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
Method:	SW846 8081A SW846 3550B	Percent Solids:	63.5
Project:	NAS Key West, Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	TT06866.D	20	06/01/07	FS	05/30/07	OP20809	GTT239
Run #2 [a]	TT06893.D	50	06/04/07	FS	05/30/07	OP20809	GTT240

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2	30.5 g	10.0 ml

Pesticide PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	21 U	52	21	ug/kg	
319-84-6	alpha-BHC	21 U	52	21	ug/kg	
319-85-7	beta-BHC	21 U	52	21	ug/kg	
319-86-8	delta-BHC	21 U	52	21	ug/kg	
58-89-9	gamma-BHC (Lindane)	21 U	52	21	ug/kg	
12789-03-6	Chlordane	260 U	520	260	ug/kg	
60-57-1	Dieldrin	21 U	52	21	ug/kg	
72-54-8	4,4'-DDD	21 U	100	21	ug/kg	
72-55-9	4,4'-DDE	21 U	100	21	ug/kg	
50-29-3	4,4'-DDT	77 U [b]	260	77	ug/kg	
72-20-8	Endrin	21 U	100	21	ug/kg	
1031-07-8	Endosulfan sulfate	21 U	100	21	ug/kg	
7421-93-4	Endrin aldehyde	42 U	100	42	ug/kg	
53494-70-5	Endrin ketone	21 U	100	21	ug/kg	
959-98-8	Endosulfan-I	21 U	52	21	ug/kg	
33213-65-9	Endosulfan-II	21 U	100	21	ug/kg	
76-44-8	Heptachlor	52 U [b]	130	52	ug/kg	
1024-57-3	Heptachlor epoxide	21 U	52	21	ug/kg	
72-43-5	Methoxychlor	100 U [b]	260	100	ug/kg	
8001-35-2	Toxaphene	1300 U	2600	1300	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [c]	0% [c]	46-122%
2051-24-3	Decachlorobiphenyl	0% [c]	0% [c]	50-133%

(a) Dilution required due to matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit = PQL
L = Indicates value exceeds calibration range
I = Result > = MDL but < RL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-FD-051607-02		
Lab Sample ID:	F49607-10	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	141 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	14.7	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	26.1 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	399000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	1.4 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	1.0 U	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1190000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	10.6 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.0 U	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	629000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium [a]	8420000 E	100000	50000	ug/l	100	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	2.9 U	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	4.7 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	3.4 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

(a) Above linear range.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-20-00-0507		
Lab Sample ID:	F49607-6	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	106 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	10.2	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	16.9 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	326000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	1.1 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	3.0 I	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	597000	50000	43	ug/l	10	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	15.2	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.8 I	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	318000	100000	1000	ug/l	10	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium [a]	4140000 E	500000	25000	ug/l	50	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	2.9 U	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	3.1 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	10.9 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

(a) Above linear range.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-21-00-0507		
Lab Sample ID:	F49607-7	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	81.4 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	3.4 U	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	4.2 I	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	9.7 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	178000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	0.90 I	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	1.0 U	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	362000	50000	43	ug/l	10	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	13.4 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.10 U	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.8 I	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	222000	50000	500	ug/l	5	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium	2240000	100000	50000	ug/l	100	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Thallium	2.9 U	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	2.0 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	2.3 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-24-00-0507		
Lab Sample ID:	F49607-8	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	48.6 I	200	18	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Antimony	4.1 I	6.0	3.4	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Arsenic	15.0	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Barium	25.6 I	200	5.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Beryllium	1.0 U	4.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cadmium	1.0 U	5.0	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Calcium	399000	1000	42	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Chromium	0.60 U	10	0.60	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Cobalt	1.0 U	50	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Copper	1.0 U	25	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Iron	15 U	300	15	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Lead	1.7 U	5.0	1.7	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Magnesium	1210000	100000	86	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Manganese	10.6 I	15	1.5	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Mercury	0.23 I	1.0	0.10	ug/l	1	05/18/07	05/18/07	MS	SW846 7470A [1]	SW846 7470A [5]
Nickel	1.0 U	40	1.0	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Potassium	651000	200000	2000	ug/l	20	05/22/07	05/23/07	RS	SW846 6010B [3]	SW846 3010A [6]
Selenium	2.8 U	10	2.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Silver	0.90 U	10	0.90	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Sodium [a]	8350000 E	100000	50000	ug/l	100	05/22/07	05/24/07	RS	SW846 6010B [4]	SW846 3010A [6]
Thallium	4.2 I	10	2.9	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Tin	3.8 U	50	3.8	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Vanadium	5.1 I	50	1.1	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]
Zinc	2.5 I	20	1.6	ug/l	1	05/22/07	05/23/07	RS	SW846 6010B [2]	SW846 3010A [6]

(1) Instrument QC Batch: MA5723
(2) Instrument QC Batch: MA5732
(3) Instrument QC Batch: MA5734
(4) Instrument QC Batch: MA5736
(5) Prep QC Batch: MP12018
(6) Prep QC Batch: MP12052

(a) Above linear range.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-FD-051607-01		
Lab Sample ID:	F49607-9	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	59.8
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1750	16	1.8	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.43 U	4.9	0.43	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	1.3	0.66	0.32	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	5.4 I	16	0.41	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium [a]	0.25 I	0.82	0.16	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.19 I	0.33	0.082	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	84900	2000	23	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	4.5	0.82	0.074	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.088 I	4.1	0.082	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	7.6	2.0	0.074	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	768	8.2	0.98	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	9.7	8.2	0.16	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	7910	410	0.61	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	11.7	1.2	0.049	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.051 I	0.12	0.0096	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	1.8 I	3.3	0.082	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [b]	1710	1600	16	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.16 U	8.2	0.16	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.074 U	0.82	0.074	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	17700	4100	340	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [c]	0.76 U	3.3	0.76	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	1.4 I	4.1	0.25	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	3.7 I	4.1	0.049	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	20.9	1.6	0.11	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	S1-SD-20-00-0507		
Lab Sample ID:	F49607-1	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	42.9
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	441	23	2.6	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.62 U	7.0	0.62	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	2.4	0.93	0.45	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	2.1 I	23	0.58	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium [a]	0.27 I	1.2	0.24	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.19 I	0.47	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	30300	580	6.6	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Chromium	1.5	1.2	0.10	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.12 U	5.8	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	11.1	2.9	0.10	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	528	12	1.4	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	4.0 I	12	0.23	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	4970	580	0.86	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	6.9	1.7	0.070	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.077 I	0.18	0.014	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	1.4 I	4.7	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [b]	1010 I	2400	24	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.55 I	12	0.23	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.10 U	1.2	0.10	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	14600	4700	380	mg/kg	4	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [c]	1.1 U	4.8	1.1	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	2.6 I	5.8	0.36	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	3.6 I	5.8	0.070	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	39.8	2.3	0.15	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	S1-SD-21-00-0507		
Lab Sample ID:	F49607-2	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	53.3
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	55.4	18	2.0	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Antimony	0.49 U	5.5	0.49	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Arsenic	0.36 U	0.74	0.36	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Barium	0.46 U	18	0.46	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Beryllium [a]	0.18 U	0.92	0.18	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Cadmium	0.092 U	0.37	0.092	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Calcium	5500	460	5.2	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Chromium	0.37 I	0.92	0.083	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Cobalt	0.092 U	4.6	0.092	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Copper	0.69 I	2.3	0.083	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Iron	85.3	9.2	1.1	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Lead	0.67 I	9.2	0.18	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Magnesium	1470	460	0.68	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Manganese	1.7	1.4	0.055	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Mercury	0.011 U	0.13	0.011	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [3]
Nickel	0.54 I	3.7	0.092	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Potassium [b]	309 I	1800	18	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Selenium	0.38 I	9.2	0.18	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Silver	0.083 U	0.92	0.083	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Sodium [b]	5690	1800	150	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Thallium [c]	0.84 U	3.7	0.84	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Tin	1.2 I	4.6	0.29	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Vanadium	1.7 I	4.6	0.055	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]
Zinc	3.5	1.8	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Prep QC Batch: MP12015
(4) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-22-00-0507		
Lab Sample ID:	F49607-3	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	83.0
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1790	12	1.3	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Antimony	0.32 U	3.6	0.32	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Arsenic	0.91	0.48	0.23	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Barium	13.3	12	0.30	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Beryllium [a]	0.36 I	0.60	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Cadmium	0.098 I	0.24	0.060	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Calcium	346000	30000	340	mg/kg	100	05/23/07	05/29/07	RS	SW846 6010B [4]	SW846 3050B [6]
Chromium	3.7	0.60	0.054	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Cobalt	0.14 I	3.0	0.060	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Copper	1.2 I	1.5	0.054	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Iron	658	6.0	0.72	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Lead	3.9 I	6.0	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Magnesium	4880	300	0.45	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Manganese	10.1	0.90	0.036	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Mercury	0.013 I	0.090	0.0072	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [5]
Nickel	1.9 I	2.4	0.060	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Potassium [b]	650 I	1200	12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Selenium	0.12 U	6.0	0.12	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Silver	0.054 U	0.60	0.054	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Sodium	8110	2400	200	mg/kg	4	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [6]
Thallium [c]	0.56 U	2.4	0.56	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Tin	0.72 I	3.0	0.19	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Vanadium	2.8 I	3.0	0.036	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]
Zinc	4.9	1.2	0.078	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [6]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Instrument QC Batch: MA5740
(5) Prep QC Batch: MP12015
(6) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-23-00-0507		
Lab Sample ID:	F49607-4	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	70.3
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	859	14	1.5	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.42 I	4.1	0.37	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	1.4	0.55	0.27	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	5.0 I	14	0.35	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium [a]	0.18 I	0.70	0.14	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.10 I	0.28	0.069	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	77300	1700	20	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	2.0	0.69	0.062	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.069 U	3.5	0.069	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	3.6	1.7	0.062	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	544	6.9	0.83	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	2.9 I	6.9	0.14	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	8430	350	0.51	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	11.2	1.0	0.041	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.012 I	0.10	0.0084	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	1.4 I	2.8	0.069	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [b]	1610	1400	14	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.14 U	6.9	0.14	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.076 I	0.69	0.062	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	18700	3500	280	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [c]	0.64 U	2.8	0.64	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	1.2 I	3.5	0.21	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	2.2 I	3.5	0.041	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	14.5	1.4	0.090	mg/kg	1	05/23/07	05/24/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SD-24-00-0507		
Lab Sample ID:	F49607-5	Date Sampled:	05/16/07
Matrix:	SO - Soil	Date Received:	05/17/07
		Percent Solids:	63.5
Project:	NAS Key West, Key West, FL		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1190	15	1.7	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Antimony	0.41 U	4.6	0.41	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Arsenic	1.3	0.62	0.30	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Barium	3.9 I	15	0.39	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Beryllium [a]	0.24 I	0.78	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cadmium	0.18 I	0.31	0.077	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Calcium	67500	1900	22	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Chromium	3.5	0.77	0.069	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Cobalt	0.077 U	3.9	0.077	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Copper	6.5	1.9	0.069	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Iron	623	7.7	0.93	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Lead	6.9 I	7.7	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Magnesium	6420	390	0.57	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Manganese	9.1	1.2	0.046	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Mercury	0.058 I	0.11	0.0091	mg/kg	1	05/18/07	05/18/07	MS	SW846 7471A [1]	SW846 7471A [4]
Nickel	1.4 I	3.1	0.077	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Potassium [b]	1500 I	1500	15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Selenium	0.15 U	7.7	0.15	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Silver	0.080 I	0.77	0.069	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Sodium	18200	3900	320	mg/kg	5	05/23/07	05/24/07	RS	SW846 6010B [3]	SW846 3050B [5]
Thallium [c]	0.72 U	3.1	0.72	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Tin	1.4 I	3.9	0.24	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Vanadium	3.4 I	3.9	0.046	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]
Zinc	17.4	1.5	0.10	mg/kg	1	05/23/07	05/23/07	RS	SW846 6010B [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA5722
(2) Instrument QC Batch: MA5734
(3) Instrument QC Batch: MA5736
(4) Prep QC Batch: MP12015
(5) Prep QC Batch: MP12058

(a) Elevated RL/MDL due to instrument baseline drift.
(b) Elevated RL/MDL due to CRIA exceeding acceptance criteria.
(c) Elevated RL/MDL due to negative bias of Method Blank.

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-FD-051607-02		
Lab Sample ID:	F49607-10	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	19600	200	100	mg/l	100	05/31/07 21:48	MP	EPA 300/SW846 9056
Color, Apparent	120	20	20	CU	1	05/17/07 13:05	LE	EPA 110.2
Solids, Total Dissolved	34600	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.7			su	1	05/17/07 13:40	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Report of Analysis

Client Sample ID:	S1-SW-20-00-0507		
Lab Sample ID:	F49607-6	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	8770	100	50	mg/l	50	05/31/07 20:53	MP	EPA 300/SW846 9056
Color, Apparent	450	50	50	CU	1	05/17/07 13:05	LE	EPA 110.2
Solids, Total Dissolved	29600	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.8			su	1	05/17/07 13:40	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-21-00-0507		
Lab Sample ID:	F49607-7	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	5790	100	50	mg/l	50	05/31/07 21:11	MP	EPA 300/SW846 9056
Color, Apparent	400	50	50	CU	1	05/17/07 13:05	LE	EPA 110.2
Solids, Total Dissolved	12800	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.8			su	1	05/17/07 13:40	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	S1-SW-24-00-0507		
Lab Sample ID:	F49607-8	Date Sampled:	05/16/07
Matrix:	AQ - Ground Water	Date Received:	05/17/07
		Percent Solids:	n/a
Project:	NAS Key West, Key West, FL		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Chloride	19400	200	100	mg/l	100	05/31/07 21:30	MP	EPA 300/SW846 9056
Color, Apparent	80	10	10	CU	1	05/17/07 13:05	LE	EPA 110.2
Solids, Total Dissolved	74400	100	10	mg/l	1	05/18/07 10:10	LE	EPA 160.1
pH	7.6			su	1	05/17/07 13:40	LE	EPA 150.1

RL = Reporting Limit = PQL
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result >= MDL but < RL

Percent Solids Raw Data Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: F49607-1 ClientID: S1-SD-20-00-0507	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	7.59	g	
Tare Weight	1.07	g	
Dry Weight (Total)	3.87	g	
Solids, Percent	42.9	%	
Sample: F49607-2 ClientID: S1-SD-21-00-0507	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	11.25	g	
Tare Weight	1.05	g	
Dry Weight (Total)	6.49	g	
Solids, Percent	53.3	%	
Sample: F49607-3 ClientID: S1-SD-22-00-0507	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	9.19	g	
Tare Weight	1.03	g	
Dry Weight (Total)	7.8	g	
Solids, Percent	83	%	
Sample: F49607-4 ClientID: S1-SD-23-00-0507	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	10.83	g	
Tare Weight	1.02	g	
Dry Weight (Total)	7.92	g	
Solids, Percent	70.3	%	
Sample: F49607-5 ClientID: S1-SD-24-00-0507	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	11.38	g	
Tare Weight	1.02	g	
Dry Weight (Total)	7.6	g	
Solids, Percent	63.5	%	
Sample: F49607-9 ClientID: S1-FD-051607-01	Analyzed: 18-MAY-07 by JAC		Method: EPA 160.3 M
Wet Weight (Total)	10.64	g	
Tare Weight	1.04	g	
Dry Weight (Total)	6.78	g	
Solids, Percent	59.8	%	

APPENDIX C
SUPPORT DOCUMENTATION

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra Tech NUS **Job No:** F49607

Site: NAS Key West, Key West, FL **Report Date:** 6/11/2007 9:32:26 AM

10 Samples were collected on 05/16/2007 and were received at Accutest on 05/17/2007 properly preserved, at 3.2 Deg. C and intact. These Samples received an Accutest job number of F49607. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Extractables by GC by Method SW846 8081A

Matrix: SO **Batch ID:** OP20809

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F49607-5MS, F49607-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recoverys for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, beta-BHC, Chlordane, delta-BHC, Dieldrin, Endosulfan sulfate, Endosulfan-I, Endosulfan-II, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Methoxychlor are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Duplicate Recoverys for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, beta-BHC, Chlordane, delta-BHC, Dieldrin, Endosulfan sulfate, Endosulfan-I, Endosulfan-II, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), Heptachlor, Heptachlor epoxide, Methoxychlor are outside control limits. Probable cause: due to matrix interference.

Samples F49607-4, OP20809-MS, OP20809-MSD, F49607-1, F49607-2, F49607-3, F49607-5 have surrogates outside control limits. Probable cause: due to matrix interference.

F49607-1, F49607-2, F49607-3, F49607-5: Dilution required due to matrix interference.

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, OP20809-MS, OP20809-MSD for Decachlorobiphenyl, Tetrachloro-m-xylene: Outside control limits due to dilution.

Metals by Method SW846 6010B

Matrix: AQ **Batch ID:** MP12052

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8DUP, F49607-8MS, F49607-8MSD, F49607-8SDL were used as the QC samples for metals.

Samples F49607-10, F49607-6, F49607-8 have compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.

Matrix Spike and Matrix Spike Duplicate Recoverys for Aluminum, Copper, Silver, Thallium, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Recoverys for Calcium, Magnesium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Aluminum, Antimony, Arsenic, Chromium, Nickel, Thallium, Tin, Zinc are outside control limits for sample MP12052-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Aluminum, Arsenic, Tin, Vanadium, Calcium, Magnesium, Potassium, Sodium are outside control limits for sample MP12052-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

F49607-6, F49607-8, F49607-10 for Sodium: Above linear range.

MP12052-SD1 for Calcium, Magnesium, Potassium, Sodium: Serial dilution indicates possible matrix interference.

Metals by Method SW846 6010B

Matrix: SO **Batch ID:** MP12058

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-5DUP, F49607-5MS, F49607-5MSD, F49607-5SDL were used as the QC samples for metals.

Matrix Spike Recoverys for Antimony, Magnesium, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix Spike Duplicate Recoverys for Antimony, Potassium are outside control limits. Probable cause: due to matrix interference.

Matrix Spike Recoverys for Calcium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

RPDs for Duplicate for Antimony, Silver are outside control limits for sample MP12058-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Antimony, Arsenic, Beryllium, Cadmium, Silver, Calcium, Copper, Potassium, Sodium are outside control limits for sample MP12058-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

MP12058-SD1 for Calcium, Copper, Potassium, Sodium: Serial dilution indicates possible matrix interference.

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, F49607-9 for Beryllium: Elevated RL/MDL due to instrument baseline drift.

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, F49607-9 for Potassium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

F49607-2 for Sodium: Elevated RL/MDL due to CRIA exceeding acceptance criteria.

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, F49607-9 for Thallium: Elevated RL/MDL due to negative bias of Method Blank.

Metals by Method SW846 7470A

Matrix: AQ **Batch ID:** MP12018

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-8MS, F49607-8SDL, F49607-8DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12018-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD for Serial Dilution for Mercury is outside control limits for sample MP12018-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals by Method SW846 7471A

Matrix: SO **Batch ID:** MP12015

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49607-5MS, F49607-5MSD, F49607-5SDL, F49607-5DUP were used as the QC samples for metals.

RPD for Duplicate for Mercury is outside control limits for sample MP12015-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry by Method EPA 110.2

Matrix: AQ **Batch ID:** GN25508

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49607-8DUP was used as the QC sample for Color, Apparent.

Wet Chemistry by Method EPA 160.1

Matrix: AQ **Batch ID:** GN25531

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample F49607-8DUP was used as the QC sample for Solids, Total Dissolved.

Wet Chemistry by Method EPA 160.3 M

Matrix: SO **Batch ID:** GN25533

Sample F49398-1DUP was used as the QC sample for Solids, Percent.

Wet Chemistry by Method EPA 300/SW846 9056

Matrix: AQ **Batch ID:** GP9414

All samples were prepped within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F49756-3DUP, F49756-3MS were used as the QC samples for Chloride.

Matrix Spike Recovery for Chloride is outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

Ellen Pampel, Inorganic QA (signature on file)

Date: June 11, 2007

Monday, June 11, 2007

TETRA TECH NUS, INC. F49607 CHAIN OF CUSTODY | NUMBER ~~8534~~ | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00846	NAS KEY WEST	CHUCK BRYAN	803 640-6714	JEAN SMITH - ACCUTEST
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Bragança		GARY BRAGANZA	561-302-4137	4405 VINELAND RD
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 8610 5415 7852		ORLANDO

STANDARD TAT ☑
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

	DATE (YEAR 2007)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: SVOC's	PESTICIDES	TAL METAL + TIN	ARSENIC	IRON	CL, COLOR, PH, TDS	COMMENTS
1	5/16	8:40	SI-SD-20-00-0507				S	G	1			X	X	X	X			
2		9:00	SI-SD-21-00-0507						1			X	X	X	X			
3		9:15	SI-SD-22-00-0507						1			X	X	X	X			
4		10:30	SI-SD-23-00-0507						1			X	X	X	X			
5		10:15	SI-SD-24-00-0507						2			X	X	X	X			RUN MS/MSD
6		8:40	SI-SW-20-00-0507				W		3					X		X	X	
7		9:00	SI-SW-21-00-0507						3					X		X	X	
8		10:15	SI-SW-24-00-0507						~~6~~					X		X	X	RUN MS/MSD
9			SI-FD-051607-01				S		1			X	X	X	X			
10			SI-FD-051607-02				W		3					X		X	X	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Gary Bragança	5/16/07	17:45	1. RECEIVED BY: FED EX		
2. RELINQUISHED BY: FX	5-17-07	09:00	2. RECEIVED BY: Wilfredo Vélez		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R FORM NO. TtNUS-001

3.0

4.1 4

F49607: Chain of Custody
Page 1 of 4

HOLDTIME

SDG F49607

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S1-FD-051607-01	F49607-9	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	MG/KG	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	MG/KG	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	MG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	MG/KG	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	MG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	UG/L	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	UG/L	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	UG/L	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
HG	UG/L	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
M	MG/KG	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	MG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	MG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/23/2007	5/23/2007	7	0	7
M	MG/KG	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	MG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/23/2007	5/29/2007	7	6	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	MG/KG	S1-FD-051607-01	F49607-9	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	MG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/23/2007	5/24/2007	7	1	8
M	UG/L	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/22/2007	5/23/2007	6	1	7
M	UG/L	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/22/2007	5/24/2007	6	2	8
M	UG/L	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/22/2007	5/23/2007	6	1	7
M	UG/L	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/22/2007	5/24/2007	6	2	8
M	UG/L	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/22/2007	5/23/2007	6	1	7
M	UG/L	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/22/2007	5/24/2007	6	2	8
M	UG/L	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/22/2007	5/23/2007	6	1	7
M	UG/L	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/22/2007	5/24/2007	6	2	8
CL	MG/L	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/30/2007	5/31/2007	14	1	15
CL	MG/L	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/30/2007	5/31/2007	14	1	15
CL	MG/L	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/30/2007	5/31/2007	14	1	15
CL	MG/L	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/30/2007	5/31/2007	14	1	15
COLOR	CU	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
COLOR	CU	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
COLOR	CU	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
COLOR	CU	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
PCS	%	S1-FD-051607-01	F49607-9	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PCS	%	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PCS	%	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PCS	%	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PCS	%	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PCS	%	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PH	SU	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
PH	SU	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
PH	SU	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
PH	SU	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/17/2007	5/17/2007	1	0	1
TDS	MG/L	S1-SW-21-00-0507	F49607-7	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
TDS	MG/L	S1-SW-20-00-0507	F49607-6	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
TDS	MG/L	S1-SW-24-00-0507	F49607-8	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
TDS	MG/L	S1-FD-051607-02	F49607-10	NM	5/16/2007	5/18/2007	5/18/2007	2	0	2
PEST	%	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	%	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	%	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	%	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	%	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	%	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	%	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	%	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	%	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	UG/KG	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	UG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	UG/KG	S1-SD-24-00-0507	F49607-5	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	UG/KG	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	UG/KG	S1-SD-23-00-0507	F49607-4	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	UG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	UG/KG	S1-SD-21-00-0507	F49607-2	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	UG/KG	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19
PEST	UG/KG	S1-SD-20-00-0507	F49607-1	NM	5/16/2007	5/30/2007	6/1/2007	14	2	16
PEST	UG/KG	S1-SD-22-00-0507	F49607-3	NM	5/16/2007	5/30/2007	6/4/2007	14	5	19

Sample Summary

Tetra Tech NUS

NAS Key West, Key West, FL
Project No: 112G00846

Job No: F49607

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F49607-1	05/16/07	08:40 GB	05/17/07	SO	Soil	S1-SD-20-00-0507
F49607-2	05/16/07	09:00 GB	05/17/07	SO	Soil	S1-SD-21-00-0507
F49607-3	05/16/07	09:15 GB	05/17/07	SO	Soil	S1-SD-22-00-0507
F49607-4	05/16/07	10:30 GB	05/17/07	SO	Soil	S1-SD-23-00-0507
F49607-5	05/16/07	10:15 GB	05/17/07	SO	Soil	S1-SD-24-00-0507
F49607-5D	05/16/07	10:15 GB	05/17/07	SO	Soil Dup/MSD	S1-SD-24-00-0507
F49607-5S	05/16/07	10:15 GB	05/17/07	SO	Soil Matrix Spike	S1-SD-24-00-0507
F49607-6	05/16/07	08:40 GB	05/17/07	AQ	Ground Water	S1-SW-20-00-0507
F49607-7	05/16/07	09:00 GB	05/17/07	AQ	Ground Water	S1-SW-21-00-0507
F49607-8	05/16/07	10:15 GB	05/17/07	AQ	Ground Water	S1-SW-24-00-0507
F49607-8D	05/16/07	10:15 GB	05/17/07	AQ	Water Dup/MSD	S1-SW-24-00-0507
F49607-8S	05/16/07	10:15 GB	05/17/07	AQ	Water Matrix Spike	S1-SW-24-00-0507
F49607-9	05/16/07	00:00 GB	05/17/07	SO	Soil	S1-FD-051607-01

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Tetra Tech NUS

Job No: F49607

NAS Key West, Key West, FL
Project No: 112G00846

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
F49607-10	05/16/07	00:00	GB	05/17/07	AQ	Ground Water	S1-FD-051607-02

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Initial Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK712-ICC712
Lab FileID: KK19189.D

Response Factor Report ECD 5

Method : C:\MSDCHEM\1\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Tue May 22 16:25:23 2007
Response via : Initial Calibration

Calibration Files
5 =KK19186.D 10 =KK19187.D 20 =KK19188.D 40 =KK19189.D
60 =KK19190.D 80 =KK19191.D c200=KK19193.D t500=KK19192.D

Compound	5	10	20	40	60	80	c200	t500	Avg	%RSD
1) Tetrachloro-	1.573	1.678	1.760	1.737	1.750	1.706			1.701 E5	4.09
2) alpha-BHC	2.367	2.491	2.628	2.527	2.534	2.481			2.505 E5	3.40
3) gamma-BHC (L	2.006	2.109	2.236	2.137	2.159	2.167			2.136 E5	3.57
4) beta-BHC	8.156	8.543	9.164	8.770	8.804	9.060			8.750 E4	4.17
5) delta-BHC	1.705	1.735	1.906	1.899	1.938	1.927			1.852 E5	5.59
6) Heptachlor	1.640	1.780	1.840	1.684	1.658	1.631			1.705 E5	5.00
7) Aldrin	1.655	1.720	1.849	1.739	1.725	1.672			1.727 E5	3.95
8) Heptachlor E	1.574	1.614	1.704	1.530	1.486	1.446			1.559 E5	5.97
9) gamma-Chlord	1.451	1.549	1.717	1.532	1.552	1.528			1.555 E5	5.63
10) alpha-Chlord	1.444	1.551	1.675	1.499	1.547	1.486			1.534 E5	5.22
11) Endosulfan	1.338	1.431	1.510	1.361	1.326	1.311			1.379 E5	5.55
12) 4,4'-DDE	1.209	1.393	1.575	1.418	1.440	1.416			1.409 E5	8.35
13) Dieldrin	1.490	1.558	1.727	1.543	1.512	1.460			1.548 E5	6.09
14) Endrin	0.954	1.028	1.155	1.069	1.030	1.013			1.042 E5	6.45
15) 4,4'-DDD	1.015	1.129	1.278	1.111	1.141	1.153			1.138 E5	7.43
16) Endosulfan I	1.193	1.253	1.343	1.167	1.165	1.135			1.209 E5	6.33
17) Endrin Aldeh	1.043	1.092	1.122	0.979	0.991	0.943			1.028 E5	6.76
18) 4,4'-DDT	0.790	0.955	1.191	1.025	1.081	1.062			1.017 E5	13.32
19) Endosulfan S	1.017	1.070	1.156	0.987	1.010	0.976			1.036 E5	6.50
20) Methoxychlor	3.946	4.550	5.343	4.345	4.587	4.494			4.544 E4	10.04
21) Endrin Keton	1.125	1.227	1.394	1.122	1.140	1.124			1.188 E5	9.11
22) Chlordane-A							6.866		6.866 E3	0.00
23) Chlordane-B							9.855		9.855 E3	0.00
24) Chlordane-C							2.204		2.204 E4	0.00
25) Chlordane-D							2.115		2.115 E4	0.00
26) Chlordane-E							2.740		2.740 E3	0.00
27) Chlordane-F							4.633		4.633 E3	0.00
28) Toxaphene								1.312	1.312 E6	0.00
29) Decachlorobi	6.207	7.200	8.247	6.893	7.645	7.612			7.301 E4	9.65

Signal #2

1) Tetrachloro-	4.511	5.082	5.616	5.417	5.620	5.436			5.280 E4	8.04
2) alpha-BHC	6.896	7.717	8.361	8.033	7.892	7.712			7.768 E4	6.32
3) gamma-BHC (L	5.945	6.548	7.096	6.800	6.882	6.599			6.645 E4	5.96
4) beta-BHC	2.336	2.601	2.829	2.838	2.894	2.927			2.738 E4	8.31
5) delta-BHC	4.666	5.422	5.989	6.156	6.180	6.155			5.761 E4	10.57
6) Heptachlor	4.903	5.437	6.012	5.574	5.487	5.128			5.423 E4	7.06
7) Aldrin	4.763	5.325	5.941	5.401	5.466	5.294			5.365 E4	7.04
8) Heptachlor E	4.659	4.907	5.503	4.868	4.777	4.657			4.895 E4	6.44
9) gamma-Chlord	4.202	4.795	5.445	4.841	5.155	4.973			4.902 E4	8.50
10) alpha-Chlord	4.243	4.557	5.285	4.866	4.914	4.843			4.785 E4	7.37
11) Endosulfan	3.736	4.178	4.834	4.335	4.235	4.133			4.242 E4	8.38
12) 4,4'-DDE	3.378	4.251	5.113	4.595	4.541	4.702			4.430 E4	13.23
13) Dieldrin	4.150	4.609	5.402	4.938	4.795	4.515			4.735 E4	8.94
14) Endrin	2.423	2.765	3.314	3.166	3.037	2.984			2.948 E4	10.73
15) 4,4'-DDD	2.910	3.428	4.086	3.739	3.733	3.695			3.598 E4	11.03

Initial Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GKK712-ICC712
Lab FileID: KK19189.D

16)	Endosulfan I	3.271	3.555	4.064	3.531	3.634	3.546			3.600	E4	7.19
17)	Endrin Aldeh	2.972	3.280	3.411	2.991	3.048	2.995			3.116	E4	5.91
18)	4,4'-DDT	2.171	2.814	3.709	3.316	3.494	3.495			3.166	E4	18.12
19)	Endosulfan S	2.860	3.102	3.521	3.000	2.989	3.006			3.080	E4	7.45
20)	Methoxychlor	1.100	1.390	1.684	1.375	1.438	1.431			1.403	E4	13.27
21)	Endrin Keton	3.276	3.600	4.319	3.534	3.529	3.475			3.622	E4	9.91
22)	Chlordane-A							2.168		2.168	E3	0.00
23)	Chlordane-B							2.964		2.964	E3	0.00
24)	Chlordane-C							6.056		6.056	E3	0.00
25)	Chlordane-D							5.206		5.206	E3	0.00
26)	Chlordane-E							7.751		7.751	E2	0.00
27)	Chlordane-F							1.269		1.269	E3	0.00
28)	Toxaphene								3.568	3.568	E5	0.00
29)	Decachlorobi	2.018	2.439	2.771	2.294	2.566	2.487			2.429	E4	10.52

(#) = Out of Range ### Number of calibration levels exceeded format ###

8081A.M Wed May 23 16:02:01 2007

5.8 5

Initial Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT236-ICC236
Lab FileID: TT06774.D

Response Factor Report ECD 6

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Initial Calibration

Calibration Files
5 =TT06771.D 10 =TT06772.D 20 =TT06773.D 40 =TT06774.D
60 =TT06775.D 80 =TT06776.D c200=TT06778.D t500=TT06777.D

Compound	5	10	20	40	60	80	c200	t500	Avg	%RSD
1) Tetrachloro-	4.543	4.221	4.069	3.920	3.509	3.693			3.993 E4	9.31
2) alpha-BHC	5.737	5.562	5.419	5.361	4.800	5.024			5.317 E4	6.52
3) gamma-BHC (L	4.956	4.869	4.658	4.523	4.111	4.219			4.556 E4	7.48
4) beta-BHC	2.256	2.075	1.959	1.945	1.772	1.916			1.987 E4	8.24
5) delta-BHC	4.412	4.126	4.108	4.053	3.732	3.978			4.068 E4	5.44
6) Heptachlor	3.952	3.733	3.467	3.479	3.037	3.254			3.487 E4	9.37
7) Aldrin	4.282	4.023	3.873	3.721	3.296	3.386			3.763 E4	10.02
8) Heptachlor E	3.846	3.619	3.497	3.281	2.875	3.117			3.372 E4	10.45
9) gamma-Chlord	3.792	3.655	3.567	3.436	3.049	3.287			3.464 E4	7.73
10) alpha-Chlord	3.819	3.473	3.463	3.332	3.022	3.136			3.374 E4	8.37
11) Endosulfan	3.334	3.221	3.043	2.970	2.688	2.778			3.006 E4	8.28
12) 4,4'-DDE	3.456	3.201	3.145	3.105	2.803	2.899			3.101 E4	7.45
13) Dieldrin	3.647	3.642	3.415	3.418	2.940	3.097			3.360 E4	8.56
14) Endrin	2.856	2.500	2.382	2.433	2.193	2.181			2.424 E4	10.22
---- Linear regr., Force(0,0) ---- Coefficient = 0.9973										
Response Ratio = 0.00000 + 22284.88235 *A										
15) 4,4'-DDD	2.690	2.526	2.443	2.499	2.220	2.327			2.451 E4	6.68
16) Endosulfan I	3.093	2.771	2.758	2.648	2.356	2.516			2.690 E4	9.36
17) Endrin Aldeh	2.435	2.247	2.155	2.087	1.888	2.048			2.143 E4	8.68
---- Linear regr., Force(0,0) ---- Coefficient = 0.9956										
Response Ratio = 0.00000 + 20116.36297 *A										
18) 4,4'-DDT	2.433	2.365	2.347	2.385	2.112	2.320			2.327 E4	4.81
19) Endosulfan S	2.725	2.476	2.405	2.357	2.108	2.262			2.389 E4	8.72
20) Methoxychlor	1.341	1.202	1.127	1.108	1.009	1.113			1.150 E4	9.74
21) Endrin Keton	3.110	2.825	2.739	2.646	2.311	2.482			2.685 E4	10.35
22) Chlordane-A							1.511		1.511 E3	0.00
23) Chlordane-B							1.735		1.735 E3	0.00
24) Chlordane-C							9.898		9.898 E2	0.00
25) Chlordane-D							4.953		4.953 E3	0.00
26) Chlordane-E							5.475		5.475 E3	0.00
27) Chlordane-F							9.540		9.540 E2	0.00
28) Toxaphene								2.713	2.713 E5	0.00
29) Decachlorobi	2.234	2.005	1.846	1.831	1.655	1.836			1.901 E4	10.37

Signal #2

1) Tetrachloro-	2.292	2.225	2.215	2.204	2.065	2.258			2.210 E4	3.52
2) alpha-BHC	2.888	2.904	2.979	3.118	2.833	3.113			2.972 E4	4.04
3) gamma-BHC (L	2.527	2.403	2.447	2.587	2.457	2.640			2.510 E4	3.62
4) beta-BHC	1.157	1.086	1.091	1.078	1.010	1.148			1.095 E4	4.90
5) delta-BHC	2.151	2.076	2.133	2.354	2.207	2.449			2.228 E4	6.44
6) Heptachlor	1.960	1.843	1.806	1.972	1.748	1.941			1.878 E4	4.94
7) Aldrin	1.982	2.025	1.960	1.999	1.825	1.992			1.964 E4	3.63
8) Heptachlor E	1.938	1.826	1.866	1.886	1.691	1.848			1.842 E4	4.54
9) gamma-Chlord	1.867	1.837	1.889	1.906	1.749	1.943			1.865 E4	3.60

Initial Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT236-ICC236
Lab FileID: TT06774.D

10)	alpha-Chlord	1.854	1.806	1.829	1.855	1.721	1.881			1.824 E4	3.12
11)	Endosulfan	1.647	1.591	1.644	1.678	1.503	1.634			1.616 E4	3.86
12)	4,4'-DDE	1.632	1.658	1.630	1.673	1.554	1.702			1.641 E4	3.08
13)	Dieldrin	1.790	1.845	1.830	1.908	1.680	1.838			1.815 E4	4.21
14)	Endrin	1.495	1.397	1.348	1.427	1.343	1.411			1.404 E4	4.01
15)	4,4'-DDD	1.289	1.249	1.257	1.304	1.235	1.376			1.285 E4	4.02
16)	Endosulfan I	1.529	1.465	1.503	1.490	1.321	1.467			1.463 E4	5.02
17)	Endrin Aldeh	1.256	1.200	1.174	1.149	1.023	1.163			1.161 E4	6.64

---- Linear regr., Force(0,0) ---- Coefficient = 0.9912
Response Ratio = 0.00000 + 11208.14222 *A

18)	4,4'-DDT	1.254	1.199	1.244	1.296	1.169	1.365			1.254 E4	5.57
19)	Endosulfan S	1.298	1.282	1.194	1.242	1.169	1.261			1.241 E4	4.08
20)	Methoxychlor	6.614	6.498	5.934	6.031	5.487	6.141			6.117 E3	6.66
21)	Endrin Keton	1.636	1.518	1.525	1.471	1.353	1.483			1.497 E4	6.13
22)	Chlordane-A							7.431		7.431 E2	0.00
23)	Chlordane-B							8.611		8.611 E2	0.00
24)	Chlordane-C							4.595		4.595 E2	0.00
25)	Chlordane-D							2.182		2.182 E3	0.00
26)	Chlordane-E							1.894		1.894 E3	0.00
27)	Chlordane-F							5.127		5.127 E2	0.00
28)	Toxaphene								1.378	1.378 E5	0.00
29)	Decachlorobi	1.312	1.175	1.104	1.121	1.066	1.123			1.150 E4	7.54

(#) = Out of Range ### Number of calibration levels exceeded format ###

8081A.M Wed May 30 15:13:53 2007

5.8

Method Blank Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20809-MB	KK19325.D	1	05/31/07	FS	05/30/07	OP20809	GKK717

The QC reported here applies to the following samples: Method: SW846 8081A

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
53494-70-5	Endrin ketone	ND	3.3	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	83%	46-122%
2051-24-3	Decachlorobiphenyl	100%	50-133%

Raw Data: TT06858.D

Method Blank Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20809-MB	TT06858.D	1	06/01/07	FS	05/30/07	OP20809	GTT239

The QC reported here applies to the following samples: Method: SW846 8081A

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
53494-70-5	Endrin ketone	ND	3.3	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	79%	46-122%
2051-24-3	Decachlorobiphenyl	94%	50-133%

Raw Data: TT06883.D

Method Blank Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20809-MB	TT06883.D	1	06/04/07	FS	05/30/07	OP20809	GTT240

The QC reported here applies to the following samples: Method: SW846 8081A

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
53494-70-5	Endrin ketone	ND	3.3	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	89%	46-122%
2051-24-3	Decachlorobiphenyl	96%	50-133%

Method Blank Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP20809-MB	TT06910.D	1	06/05/07	FS	05/30/07	OP20809	GTT241

The QC reported here applies to the following samples: Method: SW846 8081A

F49607-1, F49607-2, F49607-3, F49607-4, F49607-5

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	1.7	0.67	ug/kg	
319-84-6	alpha-BHC	ND	1.7	0.67	ug/kg	
319-85-7	beta-BHC	ND	1.7	0.67	ug/kg	
319-86-8	delta-BHC	ND	1.7	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	1.7	0.67	ug/kg	
12789-03-6	Chlordane	ND	17	8.3	ug/kg	
60-57-1	Dieldrin	ND	1.7	0.67	ug/kg	
72-54-8	4,4'-DDD	ND	3.3	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	3.3	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	3.3	1.0	ug/kg	
72-20-8	Endrin	ND	3.3	0.67	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.3	0.67	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.3	1.3	ug/kg	
53494-70-5	Endrin ketone	ND	3.3	0.67	ug/kg	
959-98-8	Endosulfan-I	ND	1.7	0.67	ug/kg	
33213-65-9	Endosulfan-II	ND	3.3	0.67	ug/kg	
76-44-8	Heptachlor	ND	1.7	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	1.7	0.67	ug/kg	
72-43-5	Methoxychlor	ND	3.3	1.3	ug/kg	
8001-35-2	Toxaphene	ND	83	42	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	92%	46-122%
2051-24-3	Decachlorobiphenyl	94%	50-133%

DDT/Endrin Breakdown Check

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GTT239-DDT	Injection Date:	06/01/07
Lab File ID:	TT06840.D	Injection Time:	10:50
Instrument ID:	GCTT		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	71169	30579
4,4'-DDE	15782	6793
4,4'-DDT	1052814	588984
DDT Breakdown [a]	7.6 %	6 %
Endrin aldehyde	57194	30218
Endrin ketone	62118	31541
Endrin	1324144	782281
Endrin Breakdown [b]	8.3 %	7.3 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GTT239-CC236	TT06841.D	06/01/07	11:12	00:22	Continuing cal 20
GTT239-CC236	TT06842.D	06/01/07	12:22	01:32	Continuing cal 500
GTT239-CC236	TT06843.D	06/01/07	12:38	01:48	Continuing cal 200
OP20790-MB	TT06844.D	06/01/07	12:54	02:04	Method Blank
ZZZZZZ	TT06845.D	06/01/07	13:10	02:20	(unrelated sample)
ZZZZZZ	TT06846.D	06/01/07	13:25	02:36	(unrelated sample)
F49591-1	TT06847.D	06/01/07	13:41	02:51	(used for QC only; not part of job F49607)
OP20790-MS	TT06848.D	06/01/07	13:57	03:07	Matrix Spike
OP20790-MSD	TT06849.D	06/01/07	14:12	03:23	Matrix Spike Duplicate
GTT239-CC236	TT06850.D	06/01/07	14:28	03:39	Continuing cal 40
OP20829-LBS	TT06851.D	06/01/07	14:44	03:54	Blank Spike
OP20829-LB	TT06852.D	06/01/07	15:00	04:10	Leachate Blank
F49732-1A	TT06853.D	06/01/07	15:15	04:26	(used for QC only; not part of job F49607)
OP20829-MS	TT06854.D	06/01/07	15:31	04:42	Matrix Spike
OP20829-MSD	TT06855.D	06/01/07	15:47	04:57	Matrix Spike Duplicate
GTT239-CC236	TT06857.D	06/01/07	16:18	05:29	Continuing cal 40
OP20809-MB	TT06858.D	06/01/07	16:41	05:51	Method Blank
F49607-1	TT06862.D	06/01/07	17:43	06:54	S1-SD-20-00-0507
F49607-2	TT06863.D	06/01/07	17:59	07:10	S1-SD-21-00-0507
F49607-3	TT06864.D	06/01/07	18:15	07:25	S1-SD-22-00-0507
F49607-4	TT06865.D	06/01/07	18:31	07:41	S1-SD-23-00-0507
F49607-5	TT06866.D	06/01/07	18:46	07:57	S1-SD-24-00-0507
OP20809-MS	TT06867.D	06/01/07	19:02	08:13	Matrix Spike
OP20809-MSD	TT06868.D	06/01/07	19:18	08:28	Matrix Spike Duplicate

DDT/Endrin Breakdown Check

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GTT239-DDT	Injection Date:	06/01/07
Lab File ID:	TT06840.D	Injection Time:	10:50
Instrument ID:	GCTT		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GTT239-CC236	TT06869.D	06/01/07	19:34	08:44	Continuing cal 40
GTT239-ECC236	TT06877.D	06/01/07	21:39	10:50	Ending cal 40

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT239-CC236
Lab FileID: TT06857.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0601PEST\TT06857.D\ECD1A.CH Vial: 12
Signal #2 : C:\MSDCHEM\2\DATA\0601PEST\TT06857.D\ECD2B.CH
Acq On : 6-1-07 04:18:51 PM Operator: fouads
Sample : cc236-40 Inst : ECD 6
Misc : op20790,gtt239,100,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	38.675	3.3	98	0.00	4.23- 4.43
2		alpha-BHC	40.000	37.714	5.7	94	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	40.000	36.929	7.7	93	0.00	4.90- 5.10
4		beta-BHC	40.000	35.281	11.8	90	0.00	5.07- 5.27
5		delta-BHC	40.000	34.068	14.8	85	0.00	5.28- 5.48
6		Heptachlor	40.000	37.933	5.2	95	0.00	5.39- 5.59
7		Aldrin	40.000	38.486	3.8	97	0.00	5.69- 5.89
8		Heptachlor Epoxide	40.000	38.548	3.6	99	0.00	6.07- 6.27
9		gamma-Chlordane	40.000	38.230	4.4	96	0.00	6.30- 6.50
10		alpha-Chlordane	40.000	38.022	4.9	96	0.00	6.37- 6.57
11		Endosulfan I	40.000	37.534	6.2	95	0.00	6.42- 6.62
12		4,4'-DDE	40.000	36.090	9.8	90	0.00	6.53- 6.73
13		Dieldrin	40.000	38.094	4.8	94	0.00	6.67- 6.87
		----------	Amount	Calc.	%Drift	----------		
14		Endrin	40.000	43.442	-8.6	99	0.00	6.88- 7.08
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD	40.000	36.996	7.5	91	0.00	7.01- 7.21
16		Endosulfan II	40.000	36.959	7.6	94	0.00	7.09- 7.29
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	40.000	41.322	-3.3	100	0.00	7.21- 7.41
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	40.000	35.974	10.1	88	0.00	7.30- 7.50
19		Endosulfan Sulfate	40.000	37.329	6.7	95	0.00	7.44- 7.64
20		Methoxychlor	40.000	37.017	7.5	96	0.00	7.76- 7.96
21		Endrin Ketone	40.000	38.144	4.6	97	0.00	7.90- 8.10
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	38.342	4.1	100	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	38.671	3.3	97	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT239-CC236
Lab FileID: TT06857.D

2		alpha-BHC	40.000	39.076	2.3	93	0.00	4.26- 4.46
3		gamma-BHC (Lindane)	40.000	37.860	5.4	92	0.00	4.54- 4.74
4		beta-BHC	40.000	35.362	11.6	90	0.00	4.78- 4.98
5		delta-BHC	40.000	35.771	10.6	85	0.00	4.99- 5.19
6		Heptachlor	40.000	39.968	0.1	95	0.00	4.87- 5.07
7		Aldrin	40.000	40.648	-1.6	100	0.00	5.12- 5.32
8		Heptachlor Epoxide	40.000	39.144	2.1	96	0.00	5.54- 5.74
9		gamma-Chlordane	40.000	39.825	0.4	97	0.00	5.78- 5.98
10		alpha-Chlordane	40.000	40.142	-0.4	99	0.00	5.83- 6.03
11		Endosulfan I	40.000	38.707	3.2	93	0.00	5.88- 6.08
12		4,4'-DDE	40.000	35.980	10.1	88	0.00	5.98- 6.18
13		Dieldrin	40.000	38.291	4.3	91	0.00	6.12- 6.32
14		Endrin	40.000	41.987	-5.0	103	0.00	6.36- 6.56
15		4,4'-DDD	40.000	39.223	1.9	97	0.00	6.48- 6.68
16		Endosulfan II	40.000	39.865	0.3	98	0.00	6.62- 6.82
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	40.000	40.924	-2.3	100	0.00	6.77- 6.97
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	40.000	36.445	8.9	88	0.00	6.72- 6.92
19		Endosulfan Sulfate	40.000	39.930	0.2	100	0.00	6.99- 7.19
20		Methoxychlor	40.000	38.043	4.9	96	0.00	7.22- 7.42
21		Endrin Ketone	40.000	40.500	-1.3	103	0.00	7.46- 7.66
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	40.194	-0.5	103	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06774.D 8081A.M Sat Jun 02 12:18:57 2007

5.8
5

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT239-CC236
Lab FileID: TT06869.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0601PEST\TT06869.D\ECD1A.CH Vial: 30
Signal #2 : C:\MSDCHEM\2\DATA\0601PEST\TT06869.D\ECD2B.CH
Acq On : 6-1-07 07:34:01 PM Operator: fouads
Sample : cc236-40 Inst : ECD 6
Misc : op20809,gtt239,29.6,,,10,20,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	37.371	6.6	95	0.00	4.23- 4.43
2		alpha-BHC	40.000	37.457	6.4	93	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	40.000	35.147	12.1	89	0.00	4.90- 5.10
4		beta-BHC	40.000	34.322	14.2	88	0.00	5.07- 5.27
5		delta-BHC	40.000	34.172	14.6	86	0.00	5.28- 5.48
6		Heptachlor	40.000	27.556	31.1#	69	0.00	5.39- 5.59
7		Aldrin	40.000	37.454	6.4	95	0.00	5.69- 5.89
8		Heptachlor Epoxide	40.000	37.239	6.9	96	0.00	6.07- 6.27
9		gamma-Chlordane	40.000	36.818	8.0	93	0.00	6.30- 6.50
10		alpha-Chlordane	40.000	36.821	7.9	93	0.00	6.37- 6.57
11		Endosulfan I	40.000	37.993	5.0	96	0.00	6.42- 6.62
12		4,4'-DDE	40.000	36.315	9.2	91	0.00	6.53- 6.73
13		Dieldrin	40.000	37.019	7.5	91	0.00	6.67- 6.87
		---------- Amount	Calc.	%Drift	----------			
14		Endrin	40.000	38.440	3.9	88	0.00	6.88- 7.08
		---------- Amount	Calc.	%Drift	----------			
15		4,4'-DDD	40.000	43.843	-9.6	108	0.00	7.01- 7.21
16		Endosulfan II	40.000	36.646	8.4	93	0.00	7.09- 7.29
		---------- Amount	Calc.	%Drift	----------			
17		Endrin Aldehyde	40.000	39.145	2.1	94	0.00	7.21- 7.41
		---------- Amount	Calc.	%Drift	----------			
18		4,4'-DDT	40.000	4.260	89.4#	10	0.00	7.30- 7.50
19		Endosulfan Sulfate	40.000	35.499	11.3	90	0.00	7.44- 7.64
20		Methoxychlor	40.000	6.377	84.1#	17	0.00	7.76- 7.96
21		Endrin Ketone	40.000	29.945	25.1#	76	0.00	7.90- 8.10
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	37.598	6.0	98	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	37.746	5.6	95	0.00	3.85- 4.05

5.8 5

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT239-CC236
Lab FileID: TT06869.D

2	alpha-BHC	40.000	38.885	2.8	93	0.00	4.26- 4.46
3	gamma-BHC (Lindane)	40.000	36.951	7.6	90	0.00	4.54- 4.74
4	beta-BHC	40.000	35.840	10.4	91	0.00	4.78- 4.98
5	delta-BHC	40.000	35.881	10.3	85	0.00	4.99- 5.19
6	Heptachlor	40.000	27.578	31.1#	66	0.00	4.87- 5.07
7	Aldrin	40.000	39.812	0.5	98	0.00	5.12- 5.32
8	Heptachlor Epoxide	40.000	38.154	4.6	93	0.00	5.54- 5.74
9	gamma-Chlordane	40.000	39.549	1.1	97	0.00	5.78- 5.98
10	alpha-Chlordane	40.000	39.913	0.2	98	0.00	5.83- 6.03
11	Endosulfan I	40.000	38.826	2.9	93	0.00	5.88- 6.08
12	4,4'-DDE	40.000	36.848	7.9	90	0.00	5.98- 6.18
13	Dieldrin	40.000	37.648	5.9	90	0.00	6.12- 6.32
14	Endrin	40.000	37.344	6.6	92	0.00	6.36- 6.56
15	4,4'-DDD	40.000	51.333	-28.3#	126	0.00	6.48- 6.68
16	Endosulfan II	40.000	36.890	7.8	91	0.00	6.62- 6.82
		Amount	Calc.	%Drift			
17	Endrin Aldehyde	40.000	39.635	0.9	97	0.00	6.77- 6.97
		Amount	Calc.	%Drift			
18	4,4'-DDT	40.000	3.853	90.4#	9	0.00	6.72- 6.92
19	Endosulfan Sulfate	40.000	38.494	3.8	96	0.00	6.99- 7.19
20	Methoxychlor	40.000	6.753	83.1#	17	0.00	7.22- 7.42
21	Endrin Ketone	40.000	29.579	26.1#	75	0.00	7.46- 7.66
22 L1	Chlordane-A			----------NA----------			
23 L1	Chlordane-B			----------NA----------			
24 L1	Chlordane-C			----------NA----------			
25 L1	Chlordane-D			----------NA----------			
26 L1	Chlordane-E			----------NA----------			
27 L1	Chlordane-F			----------NA----------			
28 H	Toxaphene			----------NA----------			
29 S	Decachlorobiphenyl	40.000	39.143	2.1	100	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06774.D 8081A.M Mon Jun 04 08:27:22 2007

DDT/Endrin Breakdown Check

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GTT240-DDT	Injection Date:	06/04/07
Lab File ID:	TT06879.D	Injection Time:	14:41
Instrument ID:	GCTT		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	59904	24509
4,4'-DDE	24946	10252
4,4'-DDT	1079172	586488
DDT Breakdown [a]	7.3 %	5.6 %
Endrin aldehyde	64015	31614
Endrin ketone	68346	34355
Endrin	1229499	709891
Endrin Breakdown [b]	9.7 %	8.5 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GTT240-CC236	TT06880.D	06/04/07	14:56	00:16	Continuing cal 20
GTT240-CC236	TT06881.D	06/04/07	15:18	00:37	Continuing cal 500
GTT240-CC236	TT06882.D	06/04/07	15:34	00:53	Continuing cal 200
OP20809-MB	TT06883.D	06/04/07	15:50	01:09	Method Blank
GTT240-CC236	TT06887.D	06/04/07	16:53	02:12	Continuing cal 40
F49607-1	TT06889.D	06/04/07	17:24	02:44	S1-SD-20-00-0507
F49607-2	TT06890.D	06/04/07	17:40	03:00	S1-SD-21-00-0507
F49607-3	TT06891.D	06/04/07	17:56	03:15	S1-SD-22-00-0507
F49607-4	TT06892.D	06/04/07	18:12	03:31	S1-SD-23-00-0507
F49607-5	TT06893.D	06/04/07	18:27	03:47	S1-SD-24-00-0507
GTT240-CC236	TT06896.D	06/04/07	19:15	04:34	Continuing cal 40
OP20745-BS	TT06897.D	06/04/07	19:31	04:50	Blank Spike
OP20745-MB	TT06898.D	06/04/07	19:46	05:06	Method Blank
F49717-1	TT06899.D	06/04/07	20:02	05:22	(used for QC only; not part of job F49607)
OP20745-MS	TT06900.D	06/04/07	20:18	05:37	Matrix Spike
OP20745-MSD	TT06901.D	06/04/07	20:34	05:53	Matrix Spike Duplicate
ZZZZZZ	TT06902.D	06/04/07	20:49	06:09	(unrelated sample)
GTT240-ECC236	TT06903.D	06/04/07	21:05	06:25	Ending cal 40

DDT/Endrin Breakdown Check

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample:	GTT241-DDT	Injection Date:	06/05/07
Lab File ID:	TT06905.D	Injection Time:	14:28
Instrument ID:	GCTT		

Compound	Response Signal 1	Response Signal 2
4,4'-DDD	49181	20475
4,4'-DDE	20506	8814
4,4'-DDT	1334189	727112
DDT Breakdown [a]	5 %	3.9 %
Endrin aldehyde	53378	26072
Endrin ketone	52368	27192
Endrin	1356923	834751
Endrin Breakdown [b]	7.2 %	6 %

(a) Calculated as: (DDD + DDE) / (DDD + DDE + DDT) x 100
(b) Calculated as: (Endrin Aldehyde + Endrin Ketone) / (Endrin Aldehyde + Endrin Ketone + Endrin) x 100

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
GTT241-CC236	TT06907.D	06/05/07	15:04	00:37	Continuing cal 20
GTT241-CC236	TT06908.D	06/05/07	15:31	01:03	Continuing cal 500
GTT241-CC236	TT06909.D	06/05/07	15:47	01:19	Continuing cal 200
OP20809-MB	TT06910.D	06/05/07	16:02	01:35	Method Blank
ZZZZZZ	TT06911.D	06/05/07	16:18	01:50	(unrelated sample)
ZZZZZZ	TT06912.D	06/05/07	16:34	02:06	(unrelated sample)
ZZZZZZ	TT06913.D	06/05/07	16:50	02:22	(unrelated sample)
GTT241-CC236	TT06914.D	06/05/07	17:06	02:38	Continuing cal 40
ZZZZZZ	TT06916.D	06/05/07	17:37	03:10	(unrelated sample)
ZZZZZZ	TT06917.D	06/05/07	17:53	03:25	(unrelated sample)
GTT241-ECC236	TT06919.D	06/05/07	18:25	03:57	Ending cal 40

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT240-CC236
Lab FileID: TT06887.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0604PEST\TT06887.D\ECD1A.CH Vial: 10
Signal #2 : C:\MSDCHEM\2\DATA\0604PEST\TT06887.D\ECD2B.CH
Acq On : 6-4-07 04:53:16 PM Operator: fouads
Sample : cc236-40 Inst : ECD 6
Misc : op20809,gtt240,30.3,,,10,50,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	40.395	-1.0	103	0.00	4.23- 4.43
2		alpha-BHC	40.000	40.409	-1.0	100	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	40.000	40.137	-0.3	101	0.00	4.90- 5.10
4		beta-BHC	40.000	37.744	5.6	96	0.00	5.07- 5.27
5		delta-BHC	40.000	36.891	7.8	93	0.00	5.28- 5.48
6		Heptachlor	40.000	41.389	-3.5	104	0.00	5.39- 5.59
7		Aldrin	40.000	40.465	-1.2	102	0.00	5.69- 5.89
8		Heptachlor Epoxide	40.000	40.764	-1.9	105	0.00	6.07- 6.27
9		gamma-Chlordane	40.000	40.542	-1.4	102	0.00	6.30- 6.50
10		alpha-Chlordane	40.000	40.203	-0.5	102	0.00	6.37- 6.57
11		Endosulfan I	40.000	39.654	0.9	100	0.00	6.42- 6.62
12		4,4'-DDE	40.000	38.194	4.5	95	0.00	6.53- 6.73
13		Dieldrin	40.000	39.607	1.0	97	0.00	6.67- 6.87
		----------	Amount	Calc.	%Drift	----------		
14		Endrin	40.000	44.102	-10.3	101	0.00	6.88- 7.08
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD	40.000	38.534	3.7	94	0.00	7.01- 7.21
16		Endosulfan II	40.000	39.272	1.8	100	0.00	7.09- 7.29
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	40.000	41.861	-4.7	101	0.00	7.21- 7.41
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	40.000	39.835	0.4	97	0.00	7.30- 7.50
19		Endosulfan Sulfate	40.000	38.770	3.1	98	0.00	7.44- 7.64
20		Methoxychlor	40.000	38.049	4.9	99	0.00	7.76- 7.96
21		Endrin Ketone	40.000	38.866	2.8	99	0.00	7.90- 8.10
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	40.268	-0.7	105	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	41.125	-2.8	103	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT240-CC236
Lab FileID: TT06887.D

2		alpha-BHC	40.000	41.884	-4.7	100	0.00	4.26- 4.46
3		gamma-BHC (Lindane)	40.000	41.049	-2.6	100	0.00	4.54- 4.74
4		beta-BHC	40.000	39.003	2.5	99	0.00	4.78- 4.98
5		delta-BHC	40.000	38.299	4.3	91	0.00	4.99- 5.19
6		Heptachlor	40.000	43.125	-7.8	103	0.00	4.87- 5.07
7		Aldrin	40.000	42.305	-5.8	104	0.00	5.12- 5.32
8		Heptachlor Epoxide	40.000	41.263	-3.2	101	0.00	5.54- 5.74
9		gamma-Chlordane	40.000	41.216	-3.0	101	0.00	5.78- 5.98
10		alpha-Chlordane	40.000	41.876	-4.7	103	0.00	5.83- 6.03
11		Endosulfan I	40.000	40.538	-1.3	98	0.00	5.88- 6.08
12		4,4'-DDE	40.000	38.740	3.1	95	0.00	5.98- 6.18
13		Dieldrin	40.000	40.425	-1.1	96	0.00	6.12- 6.32
14		Endrin	40.000	41.874	-4.7	103	0.00	6.36- 6.56
15		4,4'-DDD	40.000	40.722	-1.8	100	0.00	6.48- 6.68
16		Endosulfan II	40.000	39.872	0.3	98	0.00	6.62- 6.82
			Amount	Calc.	%Drift			
17		Endrin Aldehyde	40.000	42.068	-5.2	103	0.00	6.77- 6.97
			Amount	Calc.	%Drift			
18		4,4'-DDT	40.000	39.611	1.0	96	0.00	6.72- 6.92
19		Endosulfan Sulfate	40.000	41.792	-4.5	104	0.00	6.99- 7.19
20		Methoxychlor	40.000	38.834	2.9	98	0.00	7.22- 7.42
21		Endrin Ketone	40.000	40.448	-1.1	103	0.00	7.46- 7.66
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	42.111	-5.3	108	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06774.D 8081A.M Tue Jun 05 10:34:08 2007

5.8

5

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT240-CC236
Lab FileID: TT06896.D

Evaluate Continuing Calibration Report

Signal #1 : C:\MSDCHEM\2\DATA\0604PEST\TT06896.D\ECD1A.CH Vial: 19
Signal #2 : C:\MSDCHEM\2\DATA\0604PEST\TT06896.D\ECD2B.CH
Acq On : 6-4-07 07:15:19 PM Operator: fouads
Sample : cc236-40 Inst : ECD 6
Misc : op20809,gtt240,29.6,,,10,50,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\MSDCHEM\2\METHODS\8081A.M (Chemstation Integrator)
Title : Pesticides by 608 or 8081
Last Update : Wed May 30 09:25:04 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.10min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	S	Tetrachloro-m-xylene	40.000	40.331	-0.8	103	0.00	4.23- 4.43
2		alpha-BHC	40.000	40.308	-0.8	100	0.00	4.62- 4.82
3		gamma-BHC (Lindane)	40.000	39.336	1.7	99	0.00	4.90- 5.10
4		beta-BHC	40.000	36.755	8.1	94	0.00	5.07- 5.27
5		delta-BHC	40.000	35.623	10.9	89	0.00	5.28- 5.48
6		Heptachlor	40.000	39.522	1.2	99	0.00	5.39- 5.59
7		Aldrin	40.000	39.934	0.2	101	0.00	5.69- 5.89
8		Heptachlor Epoxide	40.000	39.536	1.2	102	0.00	6.07- 6.27
9		gamma-Chlordane	40.000	40.146	-0.4	101	0.00	6.30- 6.50
10		alpha-Chlordane	40.000	40.986	-2.5	104	0.00	6.37- 6.57
11		Endosulfan I	40.000	39.025	2.4	99	0.00	6.42- 6.62
12		4,4'-DDE	40.000	36.724	8.2	92	0.00	6.53- 6.73
13		Dieldrin	40.000	41.076	-2.7	101	0.00	6.67- 6.87
		----------	Amount	Calc.	%Drift	----------		
14		Endrin	40.000	43.171	-7.9	99	0.00	6.88- 7.08
		----------	Amount	Calc.	%Drift	----------		
15		4,4'-DDD	40.000	40.817	-2.0	100	0.00	7.01- 7.21
16		Endosulfan II	40.000	39.419	1.5	100	0.00	7.09- 7.29
		----------	Amount	Calc.	%Drift	----------		
17		Endrin Aldehyde	40.000	40.697	-1.7	98	0.00	7.21- 7.41
		----------	Amount	Calc.	%Drift	----------		
18		4,4'-DDT	40.000	30.593	-23.5#	75	0.00	7.30- 7.50
19		Endosulfan Sulfate	40.000	39.195	-2.0	99	0.00	7.44- 7.64
20		Methoxychlor	40.000	32.100	-19.7#	83	0.00	7.76- 7.96
21		Endrin Ketone	40.000	39.290	-1.8	100	0.00	7.90- 8.10
22	L1	Chlordane-A		----------NA----------				
23	L1	Chlordane-B		----------NA----------				
24	L1	Chlordane-C		----------NA----------				
25	L1	Chlordane-D		----------NA----------				
26	L1	Chlordane-E		----------NA----------				
27	L1	Chlordane-F		----------NA----------				
28	H	Toxaphene		----------NA----------				
29	S	Decachlorobiphenyl	40.000	40.875	-2.2	106	0.00	9.14- 9.34
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	40.345	-0.9	101	0.00	3.85- 4.05

Continuing Calibration Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Sample: GTT240-CC236
Lab FileID: TT06896.D

2		alpha-BHC	40.000	41.297	-3.2	98	0.00	4.26- 4.46
3		gamma-BHC (Lindane)	40.000	40.279	-0.7	98	0.00	4.54- 4.74
4		beta-BHC	40.000	37.142	7.1	94	0.00	4.78- 4.98
5		delta-BHC	40.000	38.204	4.5	90	0.00	4.99- 5.19
6		Heptachlor	40.000	41.347	-3.4	98	0.00	4.87- 5.07
7		Aldrin	40.000	42.309	-5.8	104	0.00	5.12- 5.32
8		Heptachlor Epoxide	40.000	38.783	3.0	95	0.00	5.54- 5.74
9		gamma-Chlordane	40.000	42.738	-6.8	105	0.00	5.78- 5.98
10		alpha-Chlordane	40.000	40.886	-2.2	101	0.00	5.83- 6.03
11		Endosulfan I	40.000	40.064	-0.2	96	0.00	5.88- 6.08
12		4,4'-DDE	40.000	37.356	6.6	92	0.00	5.98- 6.18
13		Dieldrin	40.000	39.743	0.6	95	0.00	6.12- 6.32
14		Endrin	40.000	40.378	-0.9	99	0.00	6.36- 6.56
15		4,4'-DDD	40.000	42.858	-7.1	106	0.00	6.48- 6.68
16		Endosulfan II	40.000	39.797	0.5	98	0.00	6.62- 6.82
			Amount	Calc.	%Drift			
17		Endrin Aldehyde	40.000	42.207	-5.5	103	0.00	6.77- 6.97
			Amount	Calc.	%Drift			
18		4,4'-DDT	40.000	29.940	25.1#	72	0.00	6.72- 6.92
19		Endosulfan Sulfate	40.000	40.585	-1.5	101	0.00	6.99- 7.19
20		Methoxychlor	40.000	31.558	21.1#	80	0.00	7.22- 7.42
21		Endrin Ketone	40.000	40.556	-1.4	103	0.00	7.46- 7.66
22	L1	Chlordane-A			----------NA----------			
23	L1	Chlordane-B			----------NA----------			
24	L1	Chlordane-C			----------NA----------			
25	L1	Chlordane-D			----------NA----------			
26	L1	Chlordane-E			----------NA----------			
27	L1	Chlordane-F			----------NA----------			
28	H	Toxaphene			----------NA----------			
29	S	Decachlorobiphenyl	40.000	42.935	-7.3	110	0.00	8.54- 8.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
TT06774.D 8081A.M Tue Jun 05 10:34:10 2007

5.8 5

GC Identification Summary

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Check Std:	GTT239-CC236	Injection Date:	06/01/07
Lab File ID:	TT06857.D	Injection Time:	16:18
Instrument ID:	GCTT	Method:	SW846 8081A

Sample ID:	F49607-1	Injection Date:	06/01/07
Lab File ID:	TT06862.D	Injection Time:	17:43
Client ID:	S1-SD-20-00-0507		

Compound	Column	RT	StdRT	Conc	Q	Units	RPD Conc
4,4'-DDD	1 [a]	7.08	7.11	85.6	I	ug/kg	4.3
4,4'-DDD	2	6.68	6.58	89.4	I	ug/kg	

(a) Final result reported from this column.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:06	MA5732-HSTD1	1		
11:14	MA5732-ICV1	1		
11:19	MA5732-ICB1	1		
11:24	MA5732-CRIA1	1		
11:35	MA5732-ICSA1	1		
11:40	MA5732-ICSAB1	1		
12:09	MA5732-CCV1	1		
12:14	MA5732-CCB1	1		
16:11	MA5732-CCV2	1		
16:15	MA5732-CCB2	1		
16:25	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:31	ZZZZZZ	1		
16:34	MA5732-CCV3	1		
16:39	MA5732-CCB3	1		
17:00	MP12050-MB1	1		
17:03	MP12050-B1	1		
17:06	F49499-1	1		(sample used for QC only; not part of login F49607)
17:10	MP12050-D1	1		
17:13	MP12050-SD1	5		
17:16	MP12050-S1	1		
17:19	MP12050-S2	1		
17:23	ZZZZZZ	1		
17:26	ZZZZZZ	1		
17:29	ZZZZZZ	1		
17:33	MA5732-CCV4	1		
17:37	MA5732-CCB4	1		
17:40	ZZZZZZ	1		
17:43	ZZZZZZ	1		
17:47	ZZZZZZ	1		
17:50	ZZZZZZ	1		
17:53	ZZZZZZ	1		
17:56	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:00	ZZZZZZ	1		
18:03	ZZZZZZ	1		
18:06	ZZZZZZ	1		
18:10	ZZZZZZ	1		
18:13	MA5732-CCV5	1		
18:17	MA5732-CCB5	1		
18:20	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:30	ZZZZZZ	1		
18:33	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:41	MP12047-MB1	1		
18:44	MP12047-B1	1		
18:47	F49463-4	1		(sample used for QC only; not part of login F49607)
18:51	MP12047-D1	1		
18:54	MA5732-CCV6	1		
18:58	MA5732-CCB6	1		
19:02	MP12047-SD1	5		
19:05	MP12047-S1	1		
19:08	MP12047-S2	1		
19:11	ZZZZZZ	1		
19:15	ZZZZZZ	1		
19:18	ZZZZZZ	1		
19:21	ZZZZZZ	1		
19:24	ZZZZZZ	1		
19:28	ZZZZZZ	1		
19:31	ZZZZZZ	1		
19:34	MA5732-CCV7	1		
19:39	MA5732-CCB7	1		
19:42	ZZZZZZ	1		
19:45	ZZZZZZ	1		
19:48	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:52	ZZZZZZ	1		
19:55	ZZZZZZ	1		
19:58	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:05	ZZZZZZ	1		
20:08	ZZZZZZ	1		
20:11	ZZZZZZ	1		
20:15	MA5732-CCV8	1		
20:19	MA5732-CCB8	1		
20:30	MP12048-MB1	1		
20:33	MP12048-B1	1		
20:36	F49644-8	1		(sample used for QC only; not part of login F49607)
20:39	MP12048-D1	1		
20:43	MP12048-SD1	5		
20:46	MP12048-S1	1		
20:49	MP12048-S2	1		
20:53	ZZZZZZ	1		
20:56	MA5732-CCV9	1		
21:00	MA5732-CCB9	1		
21:03	ZZZZZZ	1		
21:07	ZZZZZZ	1		
21:10	ZZZZZZ	1		
21:13	ZZZZZZ	1		
21:16	ZZZZZZ	1		
21:20	ZZZZZZ	1		
21:23	ZZZZZZ	1		
21:26	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:36	MA5732-CCV10	1		
21:40	MA5732-CCB10	1		
21:47	ZZZZZZ	1		
21:50	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:54	ZZZZZZ	1		
21:57	ZZZZZZ	1		
22:00	ZZZZZZ	1		
22:03	ZZZZZZ	1		
22:07	ZZZZZZ	1		
22:11	MP12049-MB1	1		
22:14	MP12049-B1	1		
22:17	MA5732-CCV11	1		
22:22	MA5732-CCB11	1		
22:25	F49518-10	1		(sample used for QC only; not part of login F49607)
22:28	MP12049-D1	1		
22:32	MP12049-SD1	5		
22:35	MP12049-S1	1		
22:38	MP12049-S2	1		
22:41	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:48	ZZZZZZ	1		
22:51	ZZZZZZ	1		
22:55	ZZZZZZ	1		
22:58	MA5732-CCV12	1		
23:02	MA5732-CCB12	1		
23:05	ZZZZZZ	1		
23:09	ZZZZZZ	1		
23:12	ZZZZZZ	1		
23:15	ZZZZZZ	1		
23:19	ZZZZZZ	1		
23:22	ZZZZZZ	1		
23:25	ZZZZZZ	1		
23:28	ZZZZZZ	1		
23:32	ZZZZZZ	1		
23:35	ZZZZZZ	1		
23:38	MA5732-CCV13	1		
23:42	MA5732-CCB13	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:46	ZZZZZZ	1		
23:49	ZZZZZZ	1		
23:52	ZZZZZZ	1		
23:56	ZZZZZZ	1		
5/23/07 00:00	MP12051-MB1	1		
00:03	MP12051-B1	1		
00:06	F49566-2	1		(sample used for QC only; not part of login F49607)
00:10	MP12051-D1	1		
00:13	MP12051-SD1	5		
00:16	MP12051-S1	1		
00:20	MA5732-CCV14	1		
00:24	MA5732-CCB14	1		
00:27	MP12051-S2	1		
00:30	ZZZZZZ	1		
00:34	ZZZZZZ	1		
00:37	ZZZZZZ	1		
00:40	ZZZZZZ	1		
00:47	ZZZZZZ	1		
00:57	ZZZZZZ	1		
01:00	MA5732-CCV15	1		
01:04	MA5732-CCB15	1		
01:08	ZZZZZZ	1		
01:11	ZZZZZZ	1		
01:14	ZZZZZZ	1		
01:18	ZZZZZZ	1		
01:21	ZZZZZZ	1		
01:24	ZZZZZZ	1		
01:27	ZZZZZZ	1		
01:31	ZZZZZZ	1		
01:34	ZZZZZZ	1		
01:37	ZZZZZZ	1		
01:41	MA5732-CCV16	1		
01:45	MA5732-CCB16	1		

7.3
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:48	MP12052-MB1	1		
01:51	MP12052-B1	1		
01:55	F49607-8	1		SW-29
01:58	MP12052-D1	1		
02:01	MP12052-SD1	5		
02:05	MP12052-S1	1		
02:08	MP12052-S2	1		
02:11	F49607-6	1		SW-25
02:15	F49607-7	1		SW-27
02:18	F49607-10	1		SW-24-D
---------->	last reportable sample/prep for job F49607			
02:21	MA5732-CCV17	1		
02:25	MA5732-CCB17	1		
02:29	ZZZZZZ	1		
02:32	ZZZZZZ	1		
02:35	ZZZZZZ	1		
02:39	ZZZZZZ	1		
02:42	ZZZZZZ	1		
02:45	ZZZZZZ	1		
02:49	ZZZZZZ	1		
02:52	ZZZZZZ	1		
02:55	ZZZZZZ	1		
02:59	ZZZZZZ	1		
03:02	MA5732-CCV18	1		
03:06	MA5732-CCB18	1		
03:09	ZZZZZZ	1		
03:13	ZZZZZZ	1		
03:16	ZZZZZZ	1		
03:19	ZZZZZZ	1		
03:23	ZZZZZZ	1		
03:26	ZZZZZZ	1		
03:30	MA5732-CRIA2	1		
03:33	MA5732-ICSA2	1		
03:37	MA5732-ICSAB2	1		

7.3
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5732
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:40	MA5732-CCV19	1		
03:44	MA5732-CCB19	1		
---------->	Last reportable CCB for job F49607			
03:47	ZZZZZZ	1		
03:51	ZZZZZZ	1		
03:54	ZZZZZZ	1		
03:57	ZZZZZZ	1		
04:01	ZZZZZZ	1		
04:04	ZZZZZZ	1		
04:07	ZZZZZZ	1		
04:11	ZZZZZZ	1		
04:14	ZZZZZZ	1		
04:17	MA5732-CCV20	1		
04:21	MA5732-CCB20	1		
04:25	ZZZZZZ	1		
04:28	ZZZZZZ	1		
04:31	ZZZZZZ	1		
04:36	MA5732-CRIA3	1		
04:39	MA5732-ICSA3	1		
04:42	MA5732-ICSAB3	1		
04:45	MA5732-CCV21	1		
04:50	MA5732-CCB21	1		

Refer to raw data for calibration curve and standards.

7.3
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time:		11:14			12:09			16:11	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	38000	95.0	40000	39700	99.3
Antimony	2000	2030	101.5	2000	1960	98.0	2000	2030	101.5
Arsenic	2000	1940	97.0	2000	1900	95.0	2000	1960	98.0
Barium	2000	2010	100.5	2000	1950	97.5	2000	2040	102.0
Beryllium	2000	2020	101.0	2000	1990	99.5	2000	2070	103.5
Cadmium	2000	2000	100.0	2000	1960	98.0	2000	2030	101.5
Calcium	40000	40700	101.8	40000	39600	99.0	40000	41100	102.8
Chromium	2000	1970	98.5	2000	1920	96.0	2000	1990	99.5
Cobalt	2000	1970	98.5	2000	1920	96.0	2000	2000	100.0
Copper	2000	1950	97.5	2000	1890	94.5	2000	1970	98.5
Iron	40000	41000	102.5	40000	39900	99.8	40000	41600	104.0
Lead	2000	1940	97.0	2000	1890	94.5	2000	1950	97.5
Magnesium	40000	40000	100.0	40000	38800	97.0	40000	40200	100.5
Manganese	2000	1990	99.5	2000	1940	97.0	2000	2010	100.5
Molybdenum									
Nickel	2000	1950	97.5	2000	1910	95.5	2000	1980	99.0
Potassium	40000	40000	100.0	40000	38700	96.8	40000	40500	101.3
Selenium	2000	1980	99.0	2000	1930	96.5	2000	2000	100.0
Silver	250	241	96.4	250	233	93.2	250	243	97.2
Sodium	40000	40000	100.0	40000	38800	97.0	40000	40800	102.0
Thallium	2000	2030	101.5	2000	1980	99.0	2000	2040	102.0
Tin	2000	1960	98.0	2000	1910	95.5	2000	1970	98.5
Vanadium	2000	1980	99.0	2000	1920	96.0	2000	2000	100.0
Zinc	2000	2020	101.0	2000	1970	98.5	2000	2040	102.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time:		16:34			17:33			18:13	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39600	99.0	40000	40300	100.8	40000	40600	101.5
Antimony	2000	2030	101.5	2000	2090	104.5	2000	2070	103.5
Arsenic	2000	1960	98.0	2000	2010	100.5	2000	2010	100.5
Barium	2000	2040	102.0	2000	2100	105.0	2000	2110	105.5
Beryllium	2000	2060	103.0	2000	2110	105.5	2000	2120	106.0
Cadmium	2000	2020	101.0	2000	2050	102.5	2000	2070	103.5
Calcium	40000	40900	102.3	40000	41400	103.5	40000	41700	104.3
Chromium	2000	1980	99.0	2000	2010	100.5	2000	2040	102.0
Cobalt	2000	1980	99.0	2000	2040	102.0	2000	2030	101.5
Copper	2000	1970	98.5	2000	2010	100.5	2000	2030	101.5
Iron	40000	41400	103.5	40000	42700	106.8	40000	42200	105.5
Lead	2000	1950	97.5	2000	1970	98.5	2000	1980	99.0
Magnesium	40000	40200	100.5	40000	40900	102.3	40000	41100	102.8
Manganese	2000	2000	100.0	2000	2060	103.0	2000	2040	102.0
Molybdenum									
Nickel	2000	1970	98.5	2000	2000	100.0	2000	2020	101.0
Potassium	40000	40500	101.3	40000	41500	103.8	40000	41900	104.8
Selenium	2000	2000	100.0	2000	2040	102.0	2000	2050	102.5
Silver	250	242	96.8	250	246	98.4	250	247	98.8
Sodium	40000	40700	101.8	40000	40800	102.0	40000	41900	104.8
Thallium	2000	2030	101.5	2000	2060	103.0	2000	2100	105.0
Tin	2000	1970	98.5	2000	2010	100.5	2000	2000	100.0
Vanadium	2000	1990	99.5	2000	2040	102.0	2000	2040	102.0
Zinc	2000	2030	101.5	2000	2050	102.5	2000	2070	103.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time:		18:54			19:34			20:15	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	40300	100.8	40000	40000	100.0
Antimony	2000	2010	100.5	2000	2080	104.0	2000	2060	103.0
Arsenic	2000	1980	99.0	2000	2050	102.5	2000	2030	101.5
Barium	2000	2030	101.5	2000	2090	104.5	2000	2070	103.5
Beryllium	2000	2080	104.0	2000	2160	108.0	2000	2150	107.5
Cadmium	2000	2050	102.5	2000	2120	106.0	2000	2120	106.0
Calcium	40000	41100	102.8	40000	42600	106.5	40000	42900	107.3
Chromium	2000	2010	100.5	2000	2090	104.5	2000	2090	104.5
Cobalt	2000	1990	99.5	2000	2050	102.5	2000	2050	102.5
Copper	2000	1960	98.0	2000	2020	101.0	2000	2000	100.0
Iron	40000	41200	103.0	40000	42600	106.5	40000	42400	106.0
Lead	2000	1980	99.0	2000	2030	101.5	2000	2020	101.0
Magnesium	40000	40200	100.5	40000	41500	103.8	40000	41300	103.3
Manganese	2000	1990	99.5	2000	2050	102.5	2000	2040	102.0
Molybdenum									
Nickel	2000	1990	99.5	2000	2090	104.5	2000	2100	105.0
Potassium	40000	40000	100.0	40000	40700	101.8	40000	40500	101.3
Selenium	2000	2010	100.5	2000	2070	103.5	2000	2050	102.5
Silver	250	241	96.4	250	249	99.6	250	248	99.2
Sodium	40000	40200	100.5	40000	41400	103.5	40000	41100	102.8
Thallium	2000	2050	102.5	2000	2120	106.0	2000	2110	105.5
Tin	2000	1960	98.0	2000	2030	101.5	2000	2030	101.5
Vanadium	2000	2000	100.0	2000	2070	103.5	2000	2060	103.0
Zinc	2000	2050	102.5	2000	2120	106.0	2000	2120	106.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time: / Sample ID: / Metal	CCV True	20:56 CCV9 Results	% Rec	CCV True	21:36 CCV10 Results	% Rec	CCV True	22:17 CCV11 Results	% Rec
Aluminum	40000	41300	103.3	40000	40900	102.3	40000	41300	103.3
Antimony	2000	2120	106.0	2000	2110	105.5	2000	2120	106.0
Arsenic	2000	2100	105.0	2000	2080	104.0	2000	2090	104.5
Barium	2000	2140	107.0	2000	2110	105.5	2000	2140	107.0
Beryllium	2000	2220	111.0*(a	2000	2200	110.0	2000	2210	110.5*(a
Cadmium	2000	2190	109.5	2000	2170	108.5	2000	2170	108.5
Calcium	40000	44400	111.0*(b	40000	43700	109.3	40000	44000	110.0
Chromium	2000	2160	108.0	2000	2140	107.0	2000	2140	107.0
Cobalt	2000	2110	105.5	2000	2080	104.0	2000	2090	104.5
Copper	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Iron	40000	43700	109.3	40000	42800	107.0	40000	43200	108.0
Lead	2000	2090	104.5	2000	2070	103.5	2000	2080	104.0
Magnesium	40000	42700	106.8	40000	42400	106.0	40000	42600	106.5
Manganese	2000	2100	105.0	2000	2060	103.0	2000	2070	103.5
Molybdenum									
Nickel	2000	2130	106.5	2000	2100	105.0	2000	2110	105.5
Potassium	40000	41800	104.5	40000	41700	104.3	40000	42300	105.8
Selenium	2000	2120	106.0	2000	2110	105.5	2000	2110	105.5
Silver	250	256	102.4	250	253	101.2	250	255	102.0
Sodium	40000	42500	106.3	40000	42400	106.0	40000	42500	106.3
Thallium	2000	2180	109.0	2000	2170	108.5	2000	2180	109.0
Tin	2000	2090	104.5	2000	2060	103.0	2000	2060	103.0
Vanadium	2000	2130	106.5	2000	2110	105.5	2000	2120	106.0
Zinc	2000	2190	109.5	2000	2160	108.0	2000	2170	108.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time:		22:58			23:38			00:20	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41400	103.5	40000	41600	104.0	40000	41800	104.5
Antimony	2000	2110	105.5	2000	2090	104.5	2000	2100	105.0
Arsenic	2000	2080	104.0	2000	2060	103.0	2000	2060	103.0
Barium	2000	2150	107.5	2000	2170	108.5	2000	2180	109.0
Beryllium	2000	2210	110.5*(a	2000	2190	109.5	2000	2170	108.5
Cadmium	2000	2180	109.0	2000	2160	108.0	2000	2130	106.5
Calcium	40000	44400	111.0*(b	40000	43800	109.5	40000	43400	108.5
Chromium	2000	2150	107.5	2000	2130	106.5	2000	2110	105.5
Cobalt	2000	2100	105.0	2000	2070	103.5	2000	2070	103.5
Copper	2000	2070	103.5	2000	2080	104.0	2000	2090	104.5
Iron	40000	43600	109.0	40000	43000	107.5	40000	43100	107.8
Lead	2000	2070	103.5	2000	2060	103.0	2000	2050	102.5
Magnesium	40000	42700	106.8	40000	42700	106.8	40000	42700	106.8
Manganese	2000	2080	104.0	2000	2050	102.5	2000	2050	102.5
Molybdenum									
Nickel	2000	2120	106.0	2000	2100	105.0	2000	2100	105.0
Potassium	40000	42100	105.3	40000	42800	107.0	40000	42900	107.3
Selenium	2000	2100	105.0	2000	2100	105.0	2000	2090	104.5
Silver	250	258	103.2	250	256	102.4	250	258	103.2
Sodium	40000	43100	107.8	40000	43000	107.5	40000	43300	108.3
Thallium	2000	2160	108.0	2000	2160	108.0	2000	2150	107.5
Tin	2000	2070	103.5	2000	2040	102.0	2000	2030	101.5
Vanadium	2000	2130	106.5	2000	2120	106.0	2000	2110	105.5
Zinc	2000	2180	109.0	2000	2160	108.0	2000	2150	107.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time: / Sample ID: / Metal	CCV True	01:00 CCV15 Results	% Rec	CCV True	01:41 CCV16 Results	% Rec	CCV True	02:21 CCV17 Results	% Rec
Aluminum	40000	40000	100.0	40000	42100	105.3	40000	42100	105.3
Antimony	2000	2030	101.5	2000	2170	108.5	2000	2210	110.0
Arsenic	2000	1980	99.0	2000	2120	106.0	2000	2160	108.0
Barium	2000	2080	104.0	2000	2200	110.0	2000	2190	109.5
Beryllium	2000	2100	105.0	2000	2240	112.0*(a	2000	2260	113.0*(a
Cadmium	2000	2060	103.0	2000	2190	109.5	2000	2200	110.0
Calcium	40000	42000	105.0	40000	44200	110.0	40000	43900	109.8
Chromium	2000	2040	102.0	2000	2160	108.0	2000	2160	108.0
Cobalt	2000	2000	100.0	2000	2130	106.5	2000	2140	107.0
Copper	2000	2000	100.0	2000	2130	106.5	2000	2140	107.0
Iron	40000	41600	104.0	40000	44300	110.8*(a	40000	44300	110.8*(a
Lead	2000	2010	100.5	2000	2110	105.5	2000	2110	105.5
Magnesium	40000	41000	102.5	40000	43500	108.8	40000	43900	109.8
Manganese	2000	1990	99.5	2000	2120	106.0	2000	2130	106.5
Molybdenum									
Nickel	2000	2020	101.0	2000	2150	107.5	2000	2160	108.0
Potassium	40000	41100	102.8	40000	43100	107.8	40000	42800	107.0
Selenium	2000	2040	102.0	2000	2160	108.0	2000	2180	109.0
Silver	250	249	99.6	250	261	104.4	250	260	104.0
Sodium	40000	41200	103.0	40000	43400	108.5	40000	43300	108.3
Thallium	2000	2070	103.5	2000	2200	110.0	2000	2240	112.0*(a
Tin	2000	1960	98.0	2000	2100	105.0	2000	2130	106.5
Vanadium	2000	2030	101.5	2000	2160	108.0	2000	2160	108.0
Zinc	2000	2080	104.0	2000	2200	110.0	2000	2200	110.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.

7.3.3 7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5732 Units: ug/l

Time: / Sample ID: / Metal	CCV True	03:02 CCV18 Results	% Rec	CCV True	03:40 CCV19 Results	% Rec
Aluminum	40000	41300	103.3	40000	40700	101.8
Antimony	2000	2200	110.0	2000	2160	108.0
Arsenic	2000	2130	106.5	2000	2100	105.0
Barium	2000	2190	109.5	2000	2160	108.0
Beryllium	2000	2250	112.5*(a	2000	2220	111.0*(b
Cadmium	2000	2180	109.0	2000	2170	108.5
Calcium	40000	43700	109.3	40000	43400	108.5
Chromium	2000	2140	107.0	2000	2130	106.5
Cobalt	2000	2140	107.0	2000	2110	105.5
Copper	2000	2120	106.0	2000	2090	104.5
Iron	40000	44300	110.8*(a	40000	44000	110.0
Lead	2000	2090	104.5	2000	2070	103.5
Magnesium	40000	43100	107.8	40000	42600	106.5
Manganese	2000	2130	106.5	2000	2120	106.0
Molybdenum						
Nickel	2000	2140	107.0	2000	2100	105.0
Potassium	40000	41700	104.3	40000	41100	102.8
Selenium	2000	2150	107.5	2000	2120	106.0
Silver	250	259	103.6	250	256	102.4
Sodium	40000	42300	105.8	40000	41300	103.3
Thallium	2000	2210	110.5*(a	2000	2180	109.0
Tin	2000	2120	106.0	2000	2100	105.0
Vanadium	2000	2150	107.5	2000	2130	106.5
Zinc	2000	2180	109.0	2000	2160	108.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.
(b) No samples for Be reported in the area bracketed by this QC.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	11:19 ICB1 raw	final	12:14 CCB1 raw	final	16:15 CCB2 raw	final	16:39 CCB3 raw	final
Aluminum	200	18	-32	<200	-23	<200	-16	<200	-36	<200
Antimony	6.0	3.4	-1.3	<6.0	0.0	<6.0	-0.62	<6.0	0.93	<6.0
Arsenic	10	2.8	1.4	<10	0.040	<10	0.15	<10	-0.84	<10
Barium	200	5	-0.010	<200	0.10	<200	0.080	<200	0.070	<200
Beryllium	4.0	1	1.6	<4.0	0.75	<4.0	-0.10	<4.0	0.78	<4.0
Cadmium	5.0	1	0.10	<5.0	0.060	<5.0	0.070	<5.0	0.070	<5.0
Calcium	1000	42	-0.77	<1000	4.6	<1000	5.6	<1000	6.1	<1000
Chromium	10	.6	-0.38	<10	0.38	<10	0.10	<10	0.20	<10
Cobalt	50	1	-0.090	<50	0.050	<50	0.31	<50	0.19	<50
Copper	25	.9	-0.19	<25	-0.070	<25	0.52	<25	0.30	<25
Iron	300	12	2.3	<300	6.2	<300	-0.010	<300	1.8	<300
Lead	5.0	1.7	0.0	<5.0	0.020	<5.0	-1.0	<5.0	0.99	<5.0
Magnesium	5000	4.3	1.1	<5000	4.8	<5000	5.1	<5000	6.8	<5000
Manganese	15	.6	-0.050	<15	0.20	<15	-0.040	<15	0.14	<15
Molybdenum	50	1.3								
Nickel	40	1	0.60	<40	1.4	<40	1.2	<40	0.63	<40
Potassium	10000	10	-4.7	<10000	4.5	<10000	1.8	<10000	3.0	<10000
Selenium	10	2	0.48	<10	0.71	<10	-0.45	<10	0.22	<10
Silver	10	.9	-0.15	<10	-0.22	<10	-0.19	<10	-0.060	<10
Sodium	10000	500	-120	<10000	114	<10000	-200	<10000	102	<10000
Thallium	10	2.3	0.32	<10	0.92	<10	1.5	<10	0.47	<10
Tin	50	3.1	-1.1	<50	-1.6	<50	-0.26	<50	-0.030	<50
Vanadium	50	.6	-0.27	<50	-0.13	<50	0.29	<50	-0.15	<50
Zinc	20	1.3	-0.36	<20	-0.34	<20	-0.28	<20	-0.24	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC
QC Limits: result < RL

Date Analyzed: 05/22/07
Run ID: MA5732

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	17:37 CCB4 raw	final	18:17 CCB5 raw	final	18:58 CCB6 raw	final	19:39 CCB7 raw	final
Aluminum	200	18	-29	<200	20.9	<200	4.6	<200	21.7	<200
Antimony	6.0	3.4	2.2	<6.0	3.4	<6.0	1.1	<6.0	0.0	<6.0
Arsenic	10	2.8	-1.2	<10	-2.9	<10	0.41	<10	0.80	<10
Barium	200	5	0.090	<200	0.020	<200	0.090	<200	0.030	<200
Beryllium	4.0	1	-1.1	<4.0	-0.97	<4.0	-0.15	<4.0	0.28	<4.0
Cadmium	5.0	1	0.020	<5.0	-0.070	<5.0	0.15	<5.0	0.16	<5.0
Calcium	1000	42	8.1	<1000	5.7	<1000	7.0	<1000	5.5	<1000
Chromium	10	.6	0.25	<10	0.22	<10	0.17	<10	0.22	<10
Cobalt	50	1	0.34	<50	0.24	<50	0.37	<50	0.26	<50
Copper	25	.9	1.5	<25	0.43	<25	0.46	<25	-0.28	<25
Iron	300	12	9.8	<300	-7.9	<300	1.3	<300	11.1	<300
Lead	5.0	1.7	0.69	<5.0	-1.3	<5.0	-1.0	<5.0	1.1	<5.0
Magnesium	5000	4.3	10.5	<5000	5.9	<5000	11.8	<5000	9.3	<5000
Manganese	15	.6	-0.040	<15	-0.030	<15	-0.040	<15	0.090	<15
Molybdenum	50	1.3								
Nickel	40	1	1.5	<40	1.4	<40	1.0	<40	1.1	<40
Potassium	10000	10	7.5	<10000	3.4	<10000	14.4	<10000	5.2	<10000
Selenium	10	2	3.4	<10	2.2	<10	-0.60	<10	2.5	<10
Silver	10	.9	0.040	<10	-0.10	<10	0.070	<10	0.030	<10
Sodium	10000	500	145	<10000	96.3	<10000	183	<10000	-35	<10000
Thallium	10	2.3	-1.1	<10	0.76	<10	2.3	<10	-0.41	<10
Tin	50	3.1	-3.1	<50	-2.5	<50	-1.1	<50	-2.2	<50
Vanadium	50	.6	-0.12	<50	0.45	<50	-0.12	<50	0.15	<50
Zinc	20	1.3	-0.16	<20	-0.16	<20	0.27	<20	0.32	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5732 Units: ug/l

Time:			20:19		21:00		21:40		22:22	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	-21	<200	11.9	<200	25.7	<200	31.5	<200
Antimony	6.0	3.4	3.0	<6.0	3.8	<6.0	4.7	<6.0	2.4	<6.0
Arsenic	10	2.8	-1.4	<10	2.8	<10	-1.1	<10	0.040	<10
Barium	200	5	0.090	<200	0.060	<200	0.050	<200	0.12	<200
Beryllium	4.0	1	1.7	<4.0	0.16	<4.0	0.34	<4.0	0.46	<4.0
Cadmium	5.0	1	-0.050	<5.0	0.36	<5.0	0.050	<5.0	0.33	<5.0
Calcium	1000	42	5.5	<1000	8.9	<1000	8.1	<1000	8.5	<1000
Chromium	10	.6	-0.12	<10	0.060	<10	0.14	<10	0.72	<10
Cobalt	50	1	0.29	<50	-0.070	<50	-0.18	<50	-0.010	<50
Copper	25	.9	-0.30	<25	0.040	<25	-0.18	<25	-0.28	<25
Iron	300	12	9.2	<300	2.5	<300	14.0	<300	-1.3	<300
Lead	5.0	1.7	0.29	<5.0	0.20	<5.0	-0.86	<5.0	-0.85	<5.0
Magnesium	5000	4.3	5.8	<5000	6.0	<5000	2.6	<5000	5.2	<5000
Manganese	15	.6	0.070	<15	0.090	<15	0.15	<15	0.020	<15
Molybdenum	50	1.3								
Nickel	40	1	0.51	<40	1.0	<40	0.84	<40	0.65	<40
Potassium	10000	10	0.54	<10000	10.9	<10000	6.4	<10000	10.1	<10000
Selenium	10	2	0.010	<10	2.0	<10	2.6	<10	-1.3	<10
Silver	10	.9	-0.010	<10	0.010	<10	-0.040	<10	0.43	<10
Sodium	10000	500	-38	<10000	-21	<10000	-290	<10000	203	<10000
Thallium	10	2.3	0.41	<10	-0.37	<10	0.11	<10	-2.1	<10
Tin	50	3.1	-1.4	<50	-1.1	<50	-0.23	<50	-0.74	<50
Vanadium	50	.6	-0.24	<50	0.010	<50	-0.40	<50	0.17	<50
Zinc	20	1.3	-0.19	<20	0.64	<20	0.64	<20	0.38	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5732 Units: ug/l

Time: / Sample ID:			23:02 CCB12		23:42 CCB13		00:24 CCB14		01:04 CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	4.6	<200	39.5	<200	8.0	<200	25.5	<200
Antimony	6.0	3.4	1.8	<6.0	0.91	<6.0	1.7	<6.0	4.5	<6.0
Arsenic	10	2.8	-1.3	<10	-0.95	<10	3.4	<10	-3.1	<10
Barium	200	5	0.16	<200	0.16	<200	0.080	<200	0.11	<200
Beryllium	4.0	1	0.28	<4.0	0.090	<4.0	-0.13	<4.0	-0.12	<4.0
Cadmium	5.0	1	0.070	<5.0	0.18	<5.0	0.47	<5.0	0.10	<5.0
Calcium	1000	42	10.2	<1000	7.9	<1000	16.6	<1000	17.3	<1000
Chromium	10	.6	0.010	<10	-0.12	<10	0.060	<10	0.24	<10
Cobalt	50	1	0.29	<50	-0.16	<50	0.20	<50	-0.010	<50
Copper	25	.9	0.17	<25	-0.33	<25	0.50	<25	0.27	<25
Iron	300	12	5.5	<300	12.4	<300	0.74	<300	-0.73	<300
Lead	5.0	1.7	0.65	<5.0	0.20	<5.0	-0.46	<5.0	-0.060	<5.0
Magnesium	5000	4.3	5.4	<5000	5.9	<5000	5.9	<5000	5.5	<5000
Manganese	15	.6	0.090	<15	-0.030	<15	0.16	<15	0.23	<15
Molybdenum	50	1.3								
Nickel	40	1	1.3	<40	0.98	<40	0.98	<40	1.0	<40
Potassium	10000	10	9.4	<10000	6.2	<10000	14.8	<10000	16.0	<10000
Selenium	10	2	0.51	<10	1.0	<10	1.4	<10	3.6	<10
Silver	10	.9	-0.16	<10	-0.18	<10	-0.37	<10	-0.010	<10
Sodium	10000	500	-6.4	<10000	47.9	<10000	94.4	<10000	9.0	<10000
Thallium	10	2.3	1.3	<10	-1.4	<10	-1.8	<10	0.98	<10
Tin	50	3.1	-0.25	<50	-2.1	<50	-1.8	<50	0.58	<50
Vanadium	50	.6	0.16	<50	0.31	<50	0.46	<50	0.020	<50
Zinc	20	1.3	0.28	<20	0.53	<20	0.86	<20	0.87	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.3.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052210.ASC Date Analyzed: 05/22/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5732 Units: ug/l

Time:			01:45		02:25		03:06		03:44	
Sample ID:			CCB16		CCB17		CCB18		CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	42.8	<200	30.6	<200	10.1	<200	3.0	<200
Antimony	6.0	3.4	-1.1	<6.0	2.1	<6.0	-0.32	<6.0	1.9	<6.0
Arsenic	10	2.8	-0.89	<10	-2.7	<10	-0.12	<10	-0.72	<10
Barium	200	5	0.15	<200	0.10	<200	0.15	<200	0.0	<200
Beryllium	4.0	1	-1.0	<4.0	-1.3	<4.0	-1.4	<4.0	-1.6	<4.0
Cadmium	5.0	1	0.080	<5.0	0.020	<5.0	0.10	<5.0	0.21	<5.0
Calcium	1000	42	17.4	<1000	18.3	<1000	17.7	<1000	6.9	<1000
Chromium	10	.6	-0.020	<10	0.65	<10	-0.69	<10	0.46	<10
Cobalt	50	1	-0.19	<50	0.15	<50	0.010	<50	0.16	<50
Copper	25	.9	0.25	<25	0.57	<25	0.90	<25	1.2	<25
Iron	300	12	6.3	<300	2.0	<300	7.9	<300	6.5	<300
Lead	5.0	1.7	-1.6	<5.0	-0.49	<5.0	0.20	<5.0	1.0	<5.0
Magnesium	5000	4.3	4.1	<5000	7.3	<5000	5.4	<5000	6.8	<5000
Manganese	15	.6	0.10	<15	0.16	<15	0.030	<15	-0.030	<15
Molybdenum	50	1.3								
Nickel	40	1	1.0	<40	0.64	<40	0.15	<40	0.98	<40
Potassium	10000	10	8.0	<10000	27.7	<10000	-34	<10000	11.9	<10000
Selenium	10	2	1.2	<10	-0.27	<10	1.2	<10	1.7	<10
Silver	10	.9	-0.29	<10	-0.27	<10	-0.19	<10	-0.020	<10
Sodium	10000	500	-62	<10000	213	<10000	-520	<10000	187	<10000
Thallium	10	2.3	-1.5	<10	-1.2	<10	-2.8	<10	-0.97	<10
Tin	50	3.1	-0.71	<50	-2.0	<50	-2.6	<50	-1.6	<50
Vanadium	50	.6	0.18	<50	0.020	<50	0.020	<50	-0.26	<50
Zinc	20	1.3	1.0	<20	0.92	<20	0.90	<20	0.21	<20

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:13	MA5734-HSTD1	1		
11:16	MA5734-ICV1	1		
11:24	MA5734-ICB1	1		
11:29	MA5734-CRIA1	1		
11:36	MA5734-CRI1	1		
11:42	MA5734-ICSA1	1		
11:44	MA5734-ICSAB1	1		
12:06	MA5734-CCV1	1		
12:10	MA5734-CCB1	1		
12:13	ZZZZZZ	20		
12:17	ZZZZZZ	50		
12:20	ZZZZZZ	10		
12:23	ZZZZZZ	10		
12:27	MP12048-S1	5		
12:30	MP12048-S2	5		
12:33	ZZZZZZ	5		
12:40	ZZZZZZ	5		
12:46	MA5734-CCV2	1		
12:50	MA5734-CCB2	1		
12:54	ZZZZZZ	5		
12:57	ZZZZZZ	2		
13:00	ZZZZZZ	5		
13:03	ZZZZZZ	1		
13:07	ZZZZZZ	1		
13:10	ZZZZZZ	1		
13:13	ZZZZZZ	1		
13:17	ZZZZZZ	1		
13:20	MA5734-CCV3	1		
13:24	MA5734-CCB3	1		
13:33	MP12055-MB1	1		
13:37	MP12055-B1	1		
13:41	ZZZZZZ	1		
13:44	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:47	ZZZZZZ	1		
13:51	ZZZZZZ	1		
13:54	ZZZZZZ	1		
13:57	ZZZZZZ	1		
14:00	ZZZZZZ	1		
14:04	ZZZZZZ	1		
14:07	MA5734-CCV4	1		
14:11	MA5734-CCB4	1		
14:14	ZZZZZZ	1		
14:18	ZZZZZZ	1		
14:21	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:28	ZZZZZZ	1		
14:31	ZZZZZZ	1		
14:34	MA5734-CCV5	1		
14:38	MA5734-CCB5	1		
14:55	MP12059-MB1	1		
14:58	MP12059-B1	1		
15:02	F49581-9	1		(sample used for QC only; not part of login F49607)
15:05	MP12059-D1	1		
15:08	MP12059-SD1	5		
15:12	MP12059-S1	1		
15:15	MP12059-S2	1		
15:18	ZZZZZZ	1		
15:21	ZZZZZZ	1		
15:25	ZZZZZZ	1		
15:32	MA5734-CCV6	1		
15:36	MA5734-CCB6	1		
15:50	MA5734-CCV7	1		
15:54	MA5734-CCB7	1		
15:57	ZZZZZZ	1		
16:00	ZZZZZZ	1		
16:04	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:07	ZZZZZZ	1		
16:10	ZZZZZZ	1		
16:13	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:20	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:27	ZZZZZZ	1		
16:30	MA5734-CCV8	1		
16:34	MA5734-CCB8	1		
16:37	ZZZZZZ	1		
16:41	ZZZZZZ	1		
16:44	ZZZZZZ	1		
16:47	ZZZZZZ	1		
16:50	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:58	MP12060-MB1	1		
17:01	MP12060-B1	1		
17:18	F49576-1	1		(sample used for QC only; not part of login F49607)
17:21	MP12060-D1	1		
17:25	MA5734-CCV9	1		
17:29	MA5734-CCB9	1		
17:32	MP12060-SD1	5		
17:35	MP12060-S1	1		
17:39	ZZZZZZ	1		
17:42	ZZZZZZ	1		
17:45	ZZZZZZ	1		
17:49	ZZZZZZ	1		
17:52	MP12060-D2	1		
17:56	MP12060-MB2	1		
17:59	MP12060-B2	1		
18:03	MP12058-MB1	1		
18:07	MA5734-CCV10	1		
18:11	MA5734-CCB10	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:14	MP12058-B1	1		
18:21	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:31	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:44	ZZZZZZ	1		
18:47	MA5734-CCV11	1		
18:51	MA5734-CCB11	1		
18:54	ZZZZZZ	1		
18:58	ZZZZZZ	1		
19:01	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:08	ZZZZZZ	1		
19:12	MP12061-MB1	1		
19:15	MP12061-B1	1		
19:18	F49647-1	1		(sample used for QC only; not part of login F49607)
19:22	MP12061-D1	1		
19:25	MP12061-SD1	5		
19:28	MA5734-CCV12	1		
19:32	MA5734-CCB12	1		
19:36	MP12061-S1	1		
19:39	MP12061-S2	1		
19:42	ZZZZZZ	1		
19:46	ZZZZZZ	1		
19:49	ZZZZZZ	1		
19:52	ZZZZZZ	1		
19:55	ZZZZZZ	1		
19:59	ZZZZZZ	1		
20:02	ZZZZZZ	1		
20:05	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: ~~05/23/07~~ Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,~~Pb,~~Mg,Mn,~~Ni,~~K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:09	MA5734-CCV13	1		
20:13	MA5734-CCB13	1		
20:16	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:23	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:29	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:39	ZZZZZZ	1		
20:42	ZZZZZZ	1		
20:46	ZZZZZZ	1		
20:49	MA5734-CCV14	1		
20:53	MA5734-CCB14	1		
20:56	MP12061-MB2A	1		
21:00	ZZZZZZ	1		
21:03	~~ZZZZZZ~~	~~1~~		
21:07	MP12052-MB1	1		
21:10	MP12052-B1	1		
21:30	MA5734-CCV15	1		
21:34	MA5734-CCB15	1		
21:38	F49607-7	100	PV	-Na ~~Mg~~
21:57	F49607-8	20	AD	-Mg
22:01	MP12052-D1	20		
22:04	MP12052-S1	20		
22:07	MP12052-S2	20		
22:11	MA5734-CCV16	1		
22:15	MA5734-CCB16	1		
22:18	F49607-6	10	AD	-K, Mg
22:21	F49607-7	10	PV	Mg ~~Na~~
22:25	F49607-10	20	PK	-K, Mg
22:28	ZZZZZZ	20		
22:31	ZZZZZZ	20		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5734
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,Sn,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:35	ZZZZZZ	20		
22:38	ZZZZZZ	20		
22:41	MA5734-CCV17	1		
22:45	MA5734-CCB17	1		
22:49	MA5734-CRIA2	1		
22:52	MA5734-CRI2	1		
22:55	MA5734-ICSA2	1		
22:59	MA5734-ICSAB2	1		
23:02	MA5734-CCV18	1		
23:06	MA5734-CCB18	1		
23:09	F49565-1	1		(sample used for QC only; not part of login F49607)
23:13	MP12055-D1	1		
23:16	MP12055-SD1	5		
23:19	MP12055-S1	1		
23:23	MP12055-S2	1		
23:26	ZZZZZZ	1		
23:29	ZZZZZZ	1		
23:32	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:39	ZZZZZZ	1		
23:42	MA5734-CCV19	1		
23:46	MA5734-CCB19	1		
23:50	F49607-5	1		SO-24
23:53	MP12058-D1	1		
23:56	MP12058-SD1	5		
00:00	MP12058-S1	1		
00:03	MP12058-S2	1		
00:06	F49607-1	1		SO-20
00:10	F49607-2	1		SO-19
00:13	F49607-3	1		SO-22
00:16	F49607-4	1		SO-23
00:20	F49607-9	1		FD
---------->	Last reportable sample/prep for job F49607			
00:23	MA5734-CCV20	1		

7.4
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time:		13:20			14:07			14:34	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39100	97.8	40000	38400	96.0	40000	38800	97.0
Antimony	2000	1980	99.0	2000	1920	96.0	2000	1930	96.5
Arsenic	2000	1930	96.5	2000	1880	94.0	2000	1910	95.5
Barium	2000	2040	102.0	2000	2000	100.0	2000	2020	101.0
Beryllium	2000	2020	101.0	2000	1970	98.5	2000	2020	101.0
Cadmium	2000	1980	99.0	2000	1940	97.0	2000	2000	100.0
Calcium	40000	40000	100.0	40000	39100	97.8	40000	40000	100.0
Chromium	2000	1950	97.5	2000	1910	95.5	2000	1970	98.5
Cobalt	2000	1940	97.0	2000	1880	94.0	2000	1920	96.0
Copper	2000	1950	97.5	2000	1900	95.0	2000	1910	95.5
Iron	40000	40200	100.5	40000	38900	97.3	40000	39700	99.3
Lead	2000	1930	96.5	2000	1880	94.0	2000	1930	96.5
Magnesium	40000	39300	98.3	40000	38600	96.5	40000	39200	98.0
Manganese	2000	1950	97.5	2000	1890	94.5	2000	1930	96.5
Molybdenum									
Nickel	2000	1970	98.5	2000	1930	96.5	2000	1960	98.0
Potassium	40000	39400	98.5	40000	39000	97.5	40000	38800	97.0
Selenium	2000	1960	98.0	2000	1920	96.0	2000	1940	97.0
Silver	250	238	95.2	250	233	93.2	250	237	94.8
Sodium	40000	39400	98.5	40000	39300	98.3	40000	38200	95.5
Thallium	2000	1990	99.5	2000	1950	97.5	2000	2000	100.0
Tin	2000	1910	95.5	2000	1850	92.5	2000	1900	95.0
Vanadium	2000	1950	97.5	2000	1910	95.5	2000	1950	97.5
Zinc	2000	2000	100.0	2000	1960	98.0	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time:		15:32			15:50			16:30	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	37800	94.5	40000	38700	96.8	40000	39400	98.5
Antimony	2000	1930	96.5	2000	2010	100.5	2000	2010	100.5
Arsenic	2000	1870	93.5	2000	1920	96.0	2000	1950	97.5
Barium	2000	2000	100.0	2000	2000	100.0	2000	2030	101.5
Beryllium	2000	1970	98.5	2000	2000	100.0	2000	2050	102.5
Cadmium	2000	1930	96.5	2000	1980	99.0	2000	2020	101.0
Calcium	40000	39300	98.3	40000	40300	100.8	40000	41200	103.0
Chromium	2000	1890	94.5	2000	1940	97.0	2000	1980	99.0
Cobalt	2000	1890	94.5	2000	1940	97.0	2000	1980	99.0
Copper	2000	1870	93.5	2000	1920	96.0	2000	1950	97.5
Iron	40000	39700	99.3	40000	40400	101.0	40000	41100	102.8
Lead	2000	1850	92.5	2000	1910	95.5	2000	1950	97.5
Magnesium	40000	38200	95.5	40000	39300	98.3	40000	40000	100.0
Manganese	2000	1910	95.5	2000	1960	98.0	2000	2000	100.0
Molybdenum									
Nickel	2000	1900	95.0	2000	1940	97.0	2000	1980	99.0
Potassium	40000	38200	95.5	40000	38700	96.8	40000	39500	98.8
Selenium	2000	1890	94.5	2000	1960	98.0	2000	1990	99.5
Silver	250	233	93.2	250	237	94.8	250	241	96.4
Sodium	40000	38300	95.8	40000	39400	98.5	40000	39500	98.8
Thallium	2000	1930	96.5	2000	2010	100.5	2000	2030	101.5
Tin	2000	1870	93.5	2000	1950	97.5	2000	1970	98.5
Vanadium	2000	1900	95.0	2000	1950	97.5	2000	1980	99.0
Zinc	2000	1950	97.5	2000	2000	100.0	2000	2040	102.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5734 Units: ug/l

Time:		17:25			18:07			18:47	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	38400	96.0	40000	38500	96.3	40000	38100	95.3
Antimony	2000	1960	98.0	2000	1930	96.5	2000	1940	97.0
Arsenic	2000	1900	95.0	2000	1890	94.5	2000	1900	95.0
Barium	2000	1990	99.5	2000	2000	100.0	2000	1970	98.5
Beryllium	2000	2000	100.0	2000	1980	99.0	2000	2000	100.0
Cadmium	2000	1960	98.0	2000	1950	97.5	2000	1970	98.5
Calcium	40000	39900	99.8	40000	39800	99.5	40000	39800	99.5
Chromium	2000	1920	96.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1920	96.0	2000	1890	94.5	2000	1920	96.0
Copper	2000	1900	95.0	2000	1900	95.0	2000	1880	94.0
Iron	40000	40000	100.0	40000	39500	98.8	40000	39800	99.5
Lead	2000	1890	94.5	2000	1890	94.5	2000	1900	95.0
Magnesium	40000	38900	97.3	40000	38900	97.3	40000	39000	97.5
Manganese	2000	1940	97.0	2000	1910	95.5	2000	1930	96.5
Molybdenum									
Nickel	2000	1910	95.5	2000	1900	95.0	2000	1920	96.0
Potassium	40000	38700	96.8	40000	39100	97.8	40000	37900	94.8
Selenium	2000	1940	97.0	2000	1920	96.0	2000	1930	96.5
Silver	250	235	94.0	250	236	94.4	250	236	94.4
Sodium	40000	38900	97.3	40000	38900	97.3	40000	38900	97.3
Thallium	2000	1980	99.0	2000	1970	98.5	2000	1990	99.5
Tin	2000	1910	95.5	2000	1890	94.5	2000	1920	96.0
Vanadium	2000	1930	96.5	2000	1920	96.0	2000	1930	96.5
Zinc	2000	1970	98.5	2000	1970	98.5	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time:		11:16			12:06			12:46	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	39300	98.3	40000	39000	97.5	40000	38300	95.8
Antimony	2000	2050	102.5	2000	2010	100.5	2000	1970	98.5
Arsenic	2000	1950	97.5	2000	1930	96.5	2000	1900	95.0
Barium	2000	2020	101.0	2000	2020	101.0	2000	1990	99.5
Beryllium	2000	2040	102.0	2000	2030	101.5	2000	2010	100.5
Cadmium	2000	2010	100.5	2000	2000	100.0	2000	1980	99.0
Calcium	40000	40900	102.3	40000	40200	100.5	40000	40100	100.3
Chromium	2000	1970	98.5	2000	1960	98.0	2000	1940	97.0
Cobalt	2000	1980	99.0	2000	1950	97.5	2000	1930	96.5
Copper	2000	1950	97.5	2000	1940	97.0	2000	1900	95.0
Iron	40000	41100	102.8	40000	40500	101.3	40000	40100	100.3
Lead	2000	1960	98.0	2000	1930	96.5	2000	1900	95.0
Magnesium	40000	39900	99.8	40000	39500	98.8	40000	38700	96.8
Manganese	2000	2000	100.0	2000	1970	98.5	2000	1950	97.5
Molybdenum									
Nickel	2000	1970	98.5	2000	1950	97.5	2000	1950	97.5
Potassium	40000	39200	98.0	40000	39400	98.5	40000	38400	96.0
Selenium	2000	1990	99.5	2000	1980	99.0	2000	1940	97.0
Silver	250	242	96.8	250	238	95.2	250	236	94.4
Sodium	40000	40000	100.0	40000	39500	98.8	40000	39100	97.8
Thallium	2000	2040	102.0	2000	2020	101.0	2000	1980	99.0
Tin	2000	1980	99.0	2000	1940	97.0	2000	1910	95.5
Vanadium	2000	1980	99.0	2000	1960	98.0	2000	1940	97.0
Zinc	2000	2030	101.5	2000	2010	100.5	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time:		19:28			20:09			20:49	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	38000	95.0	40000	37900	94.8	40000	38400	96.0
Antimony	2000	1940	97.0	2000	1920	96.0	2000	1920	96.0
Arsenic	2000	1890	94.5	2000	1880	94.0	2000	1900	95.0
Barium	2000	1970	98.5	2000	1980	99.0	2000	2000	100.0
Beryllium	2000	1990	99.5	2000	1980	99.0	2000	2000	100.0
Cadmium	2000	1950	97.5	2000	1940	97.0	2000	1960	98.0
Calcium	40000	39800	99.5	40000	39700	99.3	40000	40000	100.0
Chromium	2000	1920	96.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1910	95.5	2000	1890	94.5	2000	1900	95.0
Copper	2000	1880	94.0	2000	1870	93.5	2000	1900	95.0
Iron	40000	39700	99.3	40000	39400	98.5	40000	39600	99.0
Lead	2000	1880	94.0	2000	1870	93.5	2000	1890	94.5
Magnesium	40000	38800	97.0	40000	38700	96.8	40000	39100	97.8
Manganese	2000	1920	96.0	2000	1910	95.5	2000	1910	95.5
Molybdenum									
Nickel	2000	1900	95.0	2000	1890	94.5	2000	1910	95.5
Potassium	40000	38100	95.3	40000	38100	95.3	40000	38900	97.3
Selenium	2000	1930	96.5	2000	1910	95.5	2000	1930	96.5
Silver	250	235	94.0	250	235	94.0	250	237	94.8
Sodium	40000	38600	96.5	40000	38600	96.5	40000	39000	97.5
Thallium	2000	1980	99.0	2000	1970	98.5	2000	1990	99.5
Tin	2000	1910	95.5	2000	1890	94.5	2000	1890	94.5
Vanadium	2000	1920	96.0	2000	1910	95.5	2000	1930	96.5
Zinc	2000	1970	98.5	2000	1950	97.5	2000	1970	98.5

(*) Outside of QC limits
(anr) Analyte not requested

7.4.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: Sample ID: Metal	CCV True	21:30 CCV15 Results	% Rec	CCV True	22:11 CCV16 Results	% Rec	CCV True	22:41 CCV17 Results	% Rec
Aluminum	40000	38500	96.3	40000	38000	95.0	40000	38200	95.5
Antimony	2000	1930	96.5	2000	1880	94.0	2000	1870	93.5
Arsenic	2000	1910	95.5	2000	1870	93.5	2000	1880	94.0
Barium	2000	2010	100.5	2000	1990	99.5	2000	1990	99.5
Beryllium	2000	2010	100.5	2000	1970	98.5	2000	1980	99.0
Cadmium	2000	1980	99.0	2000	1940	97.0	2000	1960	98.0
Calcium	40000	40400	101.0	40000	39600	99.0	40000	39800	99.5
Chromium	2000	1960	98.0	2000	1920	96.0	2000	1940	97.0
Cobalt	2000	1890	94.5	2000	1850	92.5	2000	1850	92.5
Copper	2000	1910	95.5	2000	1880	94.0	2000	1890	94.5
Iron	40000	39400	98.5	40000	38600	96.5	40000	38400	96.0
Lead	2000	1900	95.0	2000	1870	93.5	2000	1880	94.0
Magnesium	40000	39400	98.5	40000	38800	97.0	40000	39100	97.8
Manganese	2000	1910	95.5	2000	1870	93.5	2000	1860	93.0
Molybdenum									
Nickel	2000	1930	96.5	2000	1890	94.5	2000	1910	95.5
Potassium	40000	38800	97.0	40000	38600	96.5	40000	38800	97.0
Selenium	2000	1950	97.5	2000	1910	95.5	2000	1930	96.5
Silver	250	237	94.8	250	234	93.6	250	234	93.6
Sodium	40000	39400	98.5	40000	39000	97.5	40000	39400	98.5
Thallium	2000	2010	100.5	2000	1970	98.5	2000	2000	100.0
Tin	2000	1890	94.5	2000	1840	92.0	2000	1850	92.5
Vanadium	2000	1940	97.0	2000	1910	95.5	2000	1920	96.0
Zinc	2000	1990	99.5	2000	1950	97.5	2000	1960	98.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: Sample ID: Metal	CCV True	23:02 CCV18 Results	% Rec	CCV True	23:42 CCV19 Results	% Rec	CCV True	00:23 CCV20 Results	% Rec
Aluminum	40000	37900	94.8	40000	38400	96.0	40000	38800	97.0
Antimony	2000	1880	94.0	2000	1860	93.0	2000	1860	93.0
Arsenic	2000	1890	94.5	2000	1890	94.5	2000	1890	94.5
Barium	2000	1980	99.0	2000	1990	99.5	2000	2010	100.5
Beryllium	2000	1980	99.0	2000	1970	98.5	2000	1970	98.5
Cadmium	2000	1960	98.0	2000	1950	97.5	2000	1950	97.5
Calcium	40000	39600	99.0	40000	39000	97.5	40000	38900	97.3
Chromium	2000	1940	97.0	2000	1930	96.5	2000	1940	97.0
Cobalt	2000	1850	92.5	2000	1830	91.5	2000	1830	91.5
Copper	2000	1880	94.0	2000	1910	95.5	2000	1930	96.5
Iron	40000	38000	95.0	40000	37800	94.5	40000	37600	94.0
Lead	2000	1890	94.5	2000	1880	94.0	2000	1900	95.0
Magnesium	40000	39200	98.0	40000	39400	98.5	40000	39700	99.3
Manganese	2000	1850	92.5	2000	1840	92.0	2000	1830	91.5
Molybdenum									
Nickel	2000	1910	95.5	2000	1900	95.0	2000	1900	95.0
Potassium	40000	38500	96.3	40000	39200	98.0	40000	40000	100.0
Selenium	2000	1930	96.5	2000	1930	96.5	2000	1960	98.0
Silver	250	233	93.2	250	234	93.6	250	236	94.4
Sodium	40000	39200	98.0	40000	39500	98.8	40000	40200	100.5
Thallium	2000	2010	100.5	2000	1990	99.5	2000	2010	100.5
Tin	2000	1850	92.5	2000	1830	91.5	2000	1820	91.0
Vanadium	2000	1910	95.5	2000	1910	95.5	2000	1910	95.5
Zinc	2000	1960	98.0	2000	1960	98.0	2000	1970	98.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time:		00:44	
Sample ID:	CCV	CCV21	
Metal	True	Results	% Rec
Aluminum	40000	38200	95.5
Antimony	2000	1860	93.0
Arsenic	2000	1890	94.5
Barium	2000	2000	100.0
Beryllium	2000	1990	99.5
Cadmium	2000	1990	99.5
Calcium	40000	40300	100.8
Chromium	2000	1980	99.0
Cobalt	2000	1850	92.5
Copper	2000	1890	94.5
Iron	40000	38100	95.3
Lead	2000	1920	96.0
Magnesium	40000	39500	98.8
Manganese	2000	1860	93.0
Molybdenum			
Nickel	2000	1950	97.5
Potassium	40000	38900	97.3
Selenium	2000	1950	97.5
Silver	250	240	96.0
Sodium	40000	40700	101.8
Thallium	2000	2010	100.5
Tin	2000	1840	92.0
Vanadium	2000	1940	97.0
Zinc	2000	1990	99.5

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	11:24 ICB1 raw	final	12:10 CCB1 raw	final	12:50 CCB2 raw	final	13:24 CCB3 raw	final
Aluminum	200	18	-20	<200	3.2	<200	-6.3	<200	6.4	<200
Antimony	6.0	3.4	1.1	<12	1.7	<12	0.41	<12	2.5	<12
Arsenic	10	2.8	0.66	<10	-0.75	<10	1.4	<10	-0.82	<10
Barium	200	5	0.020	<200	0.040	<200	0.040	<200	0.080	<200
Beryllium	4.0	1	0.61	<4.0	-0.31	<4.0	0.13	<4.0	0.34	<4.0
Cadmium	5.0	1	-0.12	<5.0	-0.24	<5.0	-0.30	<5.0	-0.080	<5.0
Calcium	1000	42	-0.39	<1000	-0.10	<1000	0.0	<1000	0.19	<1000
Chromium	10	.6	0.40	<10	0.20	<10	0.18	<10	0.14	<10
Cobalt	50	1	0.17	<50	-0.25	<50	-0.54	<50	-0.22	<50
Copper	25	.9	0.88	<25	-0.070	<25	-0.13	<25	-0.40	<25
Iron	300	12	15.7	<300	12.8	<300	20.9	<300	12.0	<300
Lead	5.0	1.7	2.3	<5.0	1.2	<5.0	0.80	<5.0	1.9	<5.0
Magnesium	5000	4.3	1.7	<5000	6.2	<5000	4.9	<5000	6.7	<5000
Manganese	15	.6	-0.090	<15	-0.080	<15	-0.080	<15	-0.090	<15
Molybdenum	50	1.3								
Nickel	40	1	-0.20	<40	0.23	<40	0.020	<40	-0.72	<40
Potassium	10000	10	18.8	<20000	33.2	<20000	20.5	<20000	22.6	<20000
Selenium	10	2	0.54	<10	1.6	<10	2.3	<10	4.0	<10
Silver	10	.9	0.45	<10	0.090	<10	0.32	<10	0.36	<10
Sodium	10000	500	357	<20000	191	<20000	102	<20000	221	<20000
Thallium	10	2.3	4.7	<10	5.8	<10	3.3	<10	3.4	<10
Tin	50	3.1	3.9	<50	2.5	<50	2.1	<50	3.3	<50
Vanadium	50	.6	0.50	<50	0.24	<50	0.23	<50	0.62	<50
Zinc	20	1.3	-0.070	<20	-0.40	<20	-0.32	<20	-0.38	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	14:11 CCB4 raw	final	14:38 CCB5 raw	final	15:36 CCB6 raw	final	15:54 CCB7 raw	final
Aluminum	200	18	14.2	<200	31.4	<200	-39	<200	-30	<200
Antimony	6.0	3.4	1.2	<12	0.10	<12	-1.1	<12	7.1	<12* (a)
Arsenic	10	2.8	-2.4	<10	-0.49	<10	-1.4	<10	-0.35	<10
Barium	200	5	0.080	<200	0.010	<200	0.11	<200	0.080	<200
Beryllium	4.0	1	1.5	<4.0	1.5	<4.0	1.1	<4.0	0.30	<4.0
Cadmium	5.0	1	-0.18	<5.0	-0.030	<5.0	-0.14	<5.0	-0.090	<5.0
Calcium	1000	42	-0.39	<1000	-4.4	<1000	-2.9	<1000	-0.78	<1000
Chromium	10	.6	0.14	<10	0.11	<10	-0.47	<10	0.38	<10
Cobalt	50	1	-0.18	<50	-0.32	<50	-0.77	<50	-0.18	<50
Copper	25	.9	-1.1	<25	-2.4	<25	-3.1	<25	-2.5	<25
Iron	300	12	13.3	<300	19.7	<300	24.8	<300	10.3	<300
Lead	5.0	1.7	0.23	<5.0	0.050	<5.0	1.5	<5.0	-0.090	<5.0
Magnesium	5000	4.3	5.7	<5000	5.5	<5000	1.4	<5000	4.7	<5000
Manganese	15	.6	-0.090	<15	-0.090	<15	-0.15	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	0.63	<40	-0.17	<40	-0.93	<40	-0.20	<40
Potassium	10000	10	28.2	<20000	11.9	<20000	54.8	<20000	34.2	<20000
Selenium	10	2	1.5	<10	0.030	<10	1.4	<10	2.0	<10
Silver	10	.9	0.30	<10	-0.21	<10	0.59	<10	0.60	<10
Sodium	10000	500	84.0	<20000	-280	<20000	-880	<20000	390	<20000
Thallium	10	2.3	4.0	<10	2.7	<10	6.3	<10	3.3	<10
Tin	50	3.1	2.1	<50	0.85	<50	3.2	<50	7.2	<50
Vanadium	50	.6	-0.030	<50	-0.030	<50	-0.43	<50	0.35	<50
Zinc	20	1.3	-0.55	<20	-1.1	<20	-2.9	<20	-3.0	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Sb reported in the area bracketed by this QC.

7.4.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	16:34 CCB8 raw	final	17:29 CCB9 raw	final	18:11 CCB10 raw	final	18:51 CCB11 raw	final
Aluminum	200	18	-9.1	<200	-29	<200	-16	<200	-18	<200
Antimony	6.0	3.4	-0.090	<12	1.2	<12	5.7	<12	4.3	<12
Arsenic	10	2.8	-4.2	<10	-1.0	<10	-0.97	<10	-0.19	<10
Barium	200	5	0.050	<200	0.060	<200	0.030	<200	-0.11	<200
Beryllium	4.0	1	-0.28	<4.0	-0.060	<4.0	0.56	<4.0	0.88	<4.0
Cadmium	5.0	1	-0.31	<5.0	-0.31	<5.0	-0.26	<5.0	-0.24	<5.0
Calcium	1000	42	-3.5	<1000	12.0	<1000	10	<1000	12.7	<1000
Chromium	10	.6	-1.1	<10	0.21	<10	0.20	<10	0.26	<10
Cobalt	50	1	-0.92	<50	-0.080	<50	-0.090	<50	-0.45	<50
Copper	25	.9	-2.5	<25	-2.9	<25	-3.5	<25	-3.6	<25
Iron	300	12	20.6	<300	20.8	<300	10.1	<300	-6.9	<300
Lead	5.0	1.7	1.5	<5.0	1.9	<5.0	-0.58	<5.0	-0.38	<5.0
Magnesium	5000	4.3	-0.72	<5000	3.7	<5000	6.5	<5000	13.6	<5000
Manganese	15	.6	-0.25	<15	-0.12	<15	-0.19	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	-1.2	<40	-0.39	<40	0.16	<40	-0.020	<40
Potassium	10000	10	26.7	<20000	30.1	<20000	17.3	<20000	24.5	<20000
Selenium	10	2	0.15	<10	3.7	<10	0.45	<10	0.58	<10
Silver	10	.9	0.36	<10	-0.10	<10	0.23	<10	-0.70	<10
Sodium	10000	500	-1300	<20000	-28	<20000	93.3	<20000	-44	<20000
Thallium	10	2.3	0.31	<10	2.5	<10	4.8	<10	2.9	<10
Tin	50	3.1	1.4	<50	1.9	<50	2.6	<50	2.4	<50
Vanadium	50	.6	-0.52	<50	0.22	<50	0.21	<50	0.34	<50
Zinc	20	1.3	-2.9	<20	-3.3	<20	-3.6	<20	-2.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.4.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	19:32 CCB12 raw	final	20:13 CCB13 raw	final	20:53 CCB14 raw	final	21:34 CCB15 raw	final
Aluminum	200	18	-29	<200	10.2	<200	11.3	<200	54.8	<200
Antimony	6.0	3.4	6.6	<12* (a)	8.9	<12* (a)	5.6	<12	6.1	<12* (b)
Arsenic	10	2.8	-0.79	<10	-0.78	<10	0.39	<10	0.43	<10
Barium	200	5	0.030	<200	0.090	<200	0.080	<200	0.050	<200
Beryllium	4.0	1	0.80	<4.0	-0.21	<4.0	0.90	<4.0	1.1	<4.0
Cadmium	5.0	1	-0.47	<5.0	-0.22	<5.0	-0.32	<5.0	-0.33	<5.0
Calcium	1000	42	-3.5	<1000	-3.7	<1000	-5.7	<1000	-5.5	<1000
Chromium	10	.6	-0.16	<10	0.080	<10	-0.47	<10	0.29	<10
Cobalt	50	1	-0.020	<50	-0.26	<50	-0.68	<50	0.28	<50
Copper	25	.9	-3.1	<25	-3.2	<25	-3.8	<25	-4.6	<25
Iron	300	12	10.3	<300	16.8	<300	7.7	<300	13.2	<300
Lead	5.0	1.7	0.40	<5.0	0.20	<5.0	1.1	<5.0	-1.1	<5.0
Magnesium	5000	4.3	7.6	<5000	6.3	<5000	1.8	<5000	5.0	<5000
Manganese	15	.6	-0.13	<15	-0.12	<15	-0.13	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	-0.21	<40	-0.29	<40	6.8	<40	9.4	<40
Potassium	10000	10	24.9	<20000	37.1	<20000	19.7	<20000	22.1	<20000
Selenium	10	2	0.55	<10	0.79	<10	2.5	<10	1.9	<10
Silver	10	.9	0.13	<10	0.35	<10	0.23	<10	0.40	<10
Sodium	10000	500	74.5	<20000	282	<20000	-440	<20000	276	<20000
Thallium	10	2.3	2.0	<10	3.0	<10	2.5	<10	2.2	<10
Tin	50	3.1	2.6	<50	3.5	<50	0.81	<50	1.5	<50
Vanadium	50	.6	0.61	<50	0.63	<50	-0.34	<50	0.89	<50
Zinc	20	1.3	-2.5	<20	-2.7	<20	-3.0	<20	-2.8	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Sb reported in the area bracketed by this QC.
(b) Possible positive bias, but all sample results < DL.

7.4.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC Date Analyzed: 05/23/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5734 Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	22:15 CCB16 raw	final	22:45 CCB17 raw	final	23:06 CCB18 raw	final	23:46 CCB19 raw	final
Aluminum	200	18	69.3	<200	46.9	<200	64.6	<200	59.1	<200
Antimony	6.0	3.4	3.7	<12	5.6	<12	7.6	<12	7.2	<12
Arsenic	10	2.8	-1.3	<10	-2.1	<10	-1.3	<10	-3.1	<10
Barium	200	5	0.10	<200	0.090	<200	0.080	<200	0.060	<200
Beryllium	4.0	1	-0.060	<4.0	1.3	<4.0	1.4	<4.0	1.8	<4.0
Cadmium	5.0	1	-0.090	<5.0	-0.35	<5.0	-0.18	<5.0	-0.27	<5.0
Calcium	1000	42	-3.8	<1000	-0.87	<1000	-1.2	<1000	1.9	<1000
Chromium	10	.6	0.39	<10	0.30	<10	0.070	<10	0.15	<10
Cobalt	50	1	-0.10	<50	-0.080	<50	-0.26	<50	-0.59	<50
Copper	25	.9	-3.9	<25	-4.2	<25	-4.5	<25	-4.5	<25
Iron	300	12	15.2	<300	11.5	<300	12.7	<300	7.6	<300
Lead	5.0	1.7	0.94	<5.0	1.4	<5.0	1.4	<5.0	0.45	<5.0
Magnesium	5000	4.3	7.6	<5000	8.0	<5000	7.5	<5000	10.2	<5000
Manganese	15	.6	0.0	<15	-0.060	<15	-0.25	<15	-0.12	<15
Molybdenum	50	1.3								
Nickel	40	1	10.3	<40	0.0	<40	-0.46	<40	-0.64	<40
Potassium	10000	10	34.1	<20000	44.9	<20000	39.5	<20000	2.3	<20000
Selenium	10	2	1.4	<10	1.3	<10	2.0	<10	1.4	<10
Silver	10	.9	0.14	<10	0.41	<10	-0.010	<10	0.22	<10
Sodium	10000	500	249	<20000	283	<20000	121	<20000	45.0	<20000
Thallium	10	2.3	0.18	<10	3.2	<10	3.0	<10	1.2	<10
Tin	50	3.1	3.2	<50	3.1	<50	2.8	<50	2.9	<50
Vanadium	50	.6	0.22	<50	0.76	<50	0.50	<50	0.34	<50
Zinc	20	1.3	-2.9	<20	-2.6	<20	-2.5	<20	-2.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052308.ASC
QC Limits: result < RL

Date Analyzed: 05/23/07
Run ID: MA5734

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	00:27 CCB20 raw	final	00:48 CCB21 raw	final
Aluminum	200	18	67.0	<200	67.6	<200
Antimony	6.0	3.4	1.6	<12	2.9	<12
Arsenic	10	2.8	-0.050	<10	-0.99	<10
Barium	200	5	0.12	<200	0.080	<200
Beryllium	4.0	1	3.2	<8.0 (a)	3.4	<8.0 (a)
Cadmium	5.0	1	-0.25	<5.0	-0.32	<5.0
Calcium	1000	42	-0.10	<1000	10.1	<1000
Chromium	10	.6	-0.57	<10	-0.70	<10
Cobalt	50	1	-0.95	<50	-0.69	<50
Copper	25	.9	-5.4	<25	-6.0	<25
Iron	300	12	26.2	<300	18.3	<300
Lead	5.0	1.7	-0.22	<5.0	0.39	<5.0
Magnesium	5000	4.3	7.1	<5000	6.6	<5000
Manganese	15	.6	-0.070	<15	-0.25	<15
Molybdenum	50	1.3				
Nickel	40	1	-0.84	<40	-0.96	<40
Potassium	10000	10	36.1	<20000	33.9	<20000
Selenium	10	2	3.3	<10	1.2	<10
Silver	10	.9	0.35	<10	0.50	<10
Sodium	10000	500	-620	<20000	-750	<20000
Thallium	10	2.3	3.0	<10	4.3	<10
Tin	50	3.1	3.0	<50	4.1	<50
Vanadium	50	.6	-0.33	<50	-0.61	<50
Zinc	20	1.3	-2.4	<20	-3.2	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) Elevated RL/MDL due to instrument baseline drift.

7.4.2

7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:39	MA5736-HSTD1	1		
10:42	MA5736-ICV1	1		
10:51	MA5736-ICB1	1		
10:55	MA5736-ICB2	1		
10:58	MA5736-CRIA1	1		
11:05	MA5736-CRI1	1		
11:07	MA5736-ICSA1	1		
11:13	MA5736-ICSAB1	1		
11:22	MA5736-CCV1	1		
11:28	MA5736-CCB1	1		
11:46	ZZZZZZ	2		
11:50	ZZZZZZ	2		
11:53	ZZZZZZ	2		
11:56	ZZZZZZ	10		
11:59	ZZZZZZ	20		
12:03	ZZZZZZ	10		
12:06	ZZZZZZ	20		
12:09	ZZZZZZ	20		
12:13	ZZZZZZ	1		
12:16	ZZZZZZ	10		
12:19	MA5736-CCV2	1		
12:23	MA5736-CCB2	1		
12:27	ZZZZZZ	100		
12:30	ZZZZZZ	5		
12:33	F49607-8	100		— Na
12:36	MP12052-D1	100		
12:40	MP12052-S1	100		
12:43	MP12052-S2	100		
12:46	F49607-6	50		— Na
12:50	F49607-10	100		— Na
12:56	ZZZZZZ	100		
12:59	ZZZZZZ	200		
13:02	MA5736-CCV3	1		

7.5
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:07	MA5736-CCB3	1		
13:10	ZZZZZZ	200		
13:13	ZZZZZZ	100		
13:16	F49607-7	5		— K
13:20	F49565-1	100		(sample used for QC only; not part of login F49607)
13:23	F49565-1	5		(sample used for QC only; not part of login F49607)
13:26	MP12055-D1	50		
13:30	MP12055-D1	10		
13:33	MP12055-S1	10		
13:36	MP12055-S2	10		
13:39	MP12055-S1	5		
13:43	MA5736-CCV4	1		
13:47	MA5736-CCB4	1		
13:50	MP12055-S2	5		
13:53	ZZZZZZ	10		
13:57	ZZZZZZ	5		
14:00	ZZZZZZ	5		
14:03	ZZZZZZ	5		
14:07	ZZZZZZ	5		
14:10	F49607-5	5		
14:13	MP12058-D1	5		
14:16	MP12058-S1	5		
14:20	MP12058-S2	5		
14:23	MA5736-CCV5	1		
14:27	MA5736-CCB5	1		
14:30	F49607-1	4		— Na
14:34	F49607-3	4		
14:37	F49607-4	5		
14:40	F49607-9	5		— Ca
14:44	MA5736-CCV6	1		
14:48	MA5736-CCB6	1		
15:14	MP12071-MB1	1		
15:17	MP12071-B1	1		

7.5
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:20	F49758-1	1		(sample used for QC only; not part of login F49607)
15:24	MP12071-D1	1		
15:27	MP12071-SD1	5		
15:30	MP12071-S1	1		
15:33	MP12071-S2	1		
15:37	ZZZZZZ	1		
15:40	ZZZZZZ	1		
15:43	ZZZZZZ	1		
15:47	MA5736-CCV7	1		
15:51	MA5736-CCB7	1		
15:54	ZZZZZZ	1		
15:57	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:04	ZZZZZZ	1		
16:07	ZZZZZZ	1		
16:10	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:20	ZZZZZZ	1		
16:24	ZZZZZZ	1		
16:27	MA5736-CCV8	1		
16:31	MA5736-CCB8	1		
16:39	MP12068-MB1	1		
16:42	MP12068-B1	1		
16:46	F49680-1A	1		(sample used for QC only; not part of login F49607)
16:50	MP12068-D1	1		
16:53	MP12068-SD1	5		
16:56	MP12068-S1	1		
16:59	ZZZZZZ	1		
17:03	MP12068-D2	1		
17:07	MP12068-MB2	1		
17:10	MP12068-B2	1		
17:22	MA5736-CCV9	1		
17:26	MA5736-CCB9	1		

7.5
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:30	ZZZZZZ	1		
17:33	ZZZZZZ	1		
17:36	ZZZZZZ	1		
17:40	ZZZZZZ	1		
17:43	ZZZZZZ	1		
17:46	ZZZZZZ	1		
17:50	MP12072-MB1	1		
17:54	MP12072-B1	1		
17:57	F49452-16	1		(sample used for QC only; not part of login F49607)
18:00	MP12072-D1	1		
18:03	MA5736-CCV10	1		
18:08	MA5736-CCB10	1		
18:11	MP12072-SD1	5		
18:14	MP12072-S1	1		
18:17	MP12072-S2	1		
18:21	ZZZZZZ	1		
18:24	ZZZZZZ	1		
18:27	ZZZZZZ	1		
18:31	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:44	MA5736-CCV11	1		
18:48	MA5736-CCB11	1		
18:51	ZZZZZZ	1		
18:54	ZZZZZZ	1		
18:58	ZZZZZZ	1		
19:01	ZZZZZZ	1		
19:04	ZZZZZZ	1		
19:08	ZZZZZZ	1		
19:11	ZZZZZZ	1		
19:14	ZZZZZZ	1		
19:17	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:21	ZZZZZZ	1		
19:24	MA5736-CCV12	1		
19:28	MA5736-CCB12	1		
19:32	ZZZZZZ	1		
19:35	ZZZZZZ	1		
19:39	MP12073-MB1	1		
19:42	MP12073-B1	1		
19:46	F49452-23	1		(sample used for QC only; not part of login F49607)
19:49	MP12073-D1	1		
19:52	MP12073-SD1	5		
19:55	MP12073-S1	1		
19:59	MP12073-S2	1		
20:02	ZZZZZZ	1		
20:05	MA5736-CCV13	1		
20:09	MA5736-CCB13	1		
20:13	ZZZZZZ	1		
20:16	ZZZZZZ	1		
20:19	ZZZZZZ	1		
20:23	ZZZZZZ	1		
20:26	ZZZZZZ	1		
20:29	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:39	ZZZZZZ	1		
20:42	ZZZZZZ	1		
20:46	MA5736-CCV14	1		
20:50	MA5736-CCB14	1		
20:53	ZZZZZZ	1		
20:56	ZZZZZZ	1		
21:00	ZZZZZZ	1		
21:03	ZZZZZZ	1		
21:06	ZZZZZZ	1		
21:10	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
Analyst: RS
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:13	ZZZZZZ	1		
21:16	ZZZZZZ	1		
21:20	MP12069-MB1	1		
21:24	MP12069-B1	1		
21:27	MA5736-CCV15	1		
21:31	MA5736-CCB15	1		
21:34	F49612-1	1		(sample used for QC only; not part of login F49607)
21:38	MP12069-D1	1		
21:41	MP12069-SD1	5		
21:44	MP12069-S1	1		
21:48	ZZZZZZ	1		
21:51	ZZZZZZ	1		
21:55	MP12070-MB1	1		
21:58	MP12070-B1	1		
22:02	F49771-1	1		(sample used for QC only; not part of login F49607)
22:05	MP12070-D1	1		
22:08	MA5736-CCV16	1		
22:12	MA5736-CCB16	1		
22:16	MP12070-SD1	5		
22:19	MP12070-S1	1		
22:22	MP12070-S2	1		
22:26	ZZZZZZ	1		
22:29	ZZZZZZ	1		
22:32	ZZZZZZ	1		
22:35	ZZZZZZ	1		
22:39	ZZZZZZ	1		
22:42	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:49	MA5736-CCV17	1		
22:53	MA5736-CCB17	1		
22:56	ZZZZZZ	1		
22:59	ZZZZZZ	1		
23:03	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:06	ZZZZZZ	1		
23:09	ZZZZZZ	1		
23:13	ZZZZZZ	1		
23:16	ZZZZZZ	1		
23:19	ZZZZZZ	1		
23:23	ZZZZZZ	1		
23:26	ZZZZZZ	1		
23:29	MA5736-CCV18	1		
23:33	MA5736-CCB18	1		
23:37	ZZZZZZ	1		
23:40	ZZZZZZ	1		
23:44	MP12074-MB1	1		
23:47	MP12074-B1	1		
23:51	F49640-11	1		(sample used for QC only; not part of login F49607)
23:54	MP12074-D1	1		
23:57	MP12074-SD1	5		
00:01	MP12074-S1	1		
00:04	MP12074-S2	1		
00:07	ZZZZZZ	1		
00:11	MA5736-CCV19	1		
00:15	MA5736-CCB19	1		
00:18	ZZZZZZ	1		
00:21	ZZZZZZ	1		
00:25	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:31	ZZZZZZ	1		
00:35	ZZZZZZ	1		
00:38	ZZZZZZ	1		
00:41	ZZZZZZ	1		
00:45	ZZZZZZ	1		
00:48	ZZZZZZ	1		
00:51	MA5736-CCV20	1		
00:55	MA5736-CCB20	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5736
Parameters: Sb,Be,Cd,Ca,Fe,K,Na,Tl,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:59	ZZZZZZ	1		
01:02	ZZZZZZ	1		
01:05	ZZZZZZ	1		
01:09	ZZZZZZ	1		
01:12	ZZZZZZ	1		
01:15	ZZZZZZ	1		
01:18	ZZZZZZ	1		
01:22	ZZZZZZ	1		
01:25	MA5736-CCV21	1		
01:29	MA5736-CCB21	1		
01:33	MA5736-CRIA2	1		
01:36	MA5736-CRI2	1		
01:39	MA5736-ICSA2	1		
01:42	MA5736-ICSAB2	1		
01:46	MP12052-D1	1		
01:49	MP12052-SD1	1		
01:52	MP12052-S1	1		
01:56	MP12052-S2	1		
---------->	Last reportable sample/prep for job F49607			
01:59	MA5736-CCV22	1		
02:03	MA5736-CCB22	1		
02:06	MA5736-CRIA3	1		
02:10	MA5736-CRI3	1		
02:13	MA5736-ICSA3	1		
02:16	MA5736-ICSAB3	1		
02:20	MA5736-CCV23	1		
02:24	MA5736-CCB23	1		
---------->	Last reportable CCB for job F49607			

Refer to raw data for calibration curve and standards.

7.5
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		10:42			11:22			12:19	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2000	100.0	2000	2080	104.0	2000	2180	109.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	1970	98.5	2000	2060	103.0	2000	2160	108.0
Cadmium	2000	1960	98.0	2000	2020	101.0	2000	2110	105.5
Calcium	40000	39800	99.5	40000	40800	102.0	40000	42500	106.3
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	39900	99.8	40000	41200	103.0	40000	43800	109.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38400	96.0	40000	38100	95.3	40000	39800	99.5
Selenium	anr								
Silver	anr								
Sodium	40000	38300	95.8	40000	39400	98.5	40000	41100	102.8
Thallium	2000	1980	99.0	2000	2040	102.0	2000	2110	105.5
Tin									
Vanadium	anr								
Zinc	2000	1970	98.5	2000	2030	101.5	2000	2110	105.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	CCV True	13:02 CCV3 Results	% Rec	CCV True	13:43 CCV4 Results	% Rec	CCV True	14:23 CCV5 Results	% Rec
Aluminum	anr								
Antimony	2000	2080	104.0	2000	2080	104.0	2000	2060	103.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2080	104.0	2000	2100	105.0	2000	2050	102.5
Cadmium	2000	2020	101.0	2000	2050	102.5	2000	2000	100.0
Calcium	40000	40900	102.3	40000	41300	103.3	40000	40100	100.3
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	41800	104.5	40000	42400	106.0	40000	41100	102.8
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38500	96.3	40000	38800	97.0	40000	39600	99.0
Selenium	anr								
Silver	anr								
Sodium	40000	39000	97.5	40000	39200	98.0	40000	39700	99.3
Thallium	2000	2030	101.5	2000	2050	102.5	2000	2020	101.0
Tin									
Vanadium	anr								
Zinc	2000	2030	101.5	2000	2050	102.5	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:		14:44			15:47			16:27	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2060	103.0	2000	2010	100.5	2000	2000	100.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2080	104.0	2000	2070	103.5	2000	2060	103.0
Cadmium	2000	2030	101.5	2000	2040	102.0	2000	2020	101.0
Calcium	40000	41000	102.5	40000	41200	103.0	40000	40600	101.5
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	41500	103.8	40000	41000	102.5	40000	40600	101.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38800	97.0	40000	38100	95.3	40000	37100	92.8
Selenium	anr								
Silver	anr								
Sodium	40000	39500	98.8	40000	36900	92.3	40000	38100	95.3
Thallium	2000	2040	102.0	2000	2030	101.5	2000	2020	101.0
Tin									
Vanadium	anr								
Zinc	2000	2040	102.0	2000	2040	102.0	2000	2030	101.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:		17:22			18:03			18:44	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2040	102.0	2000	2060	103.0	2000	2000	100.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2090	104.5	2000	2090	104.5	2000	2040	102.0
Cadmium	2000	2050	102.5	2000	2050	102.5	2000	2010	100.5
Calcium	40000	41200	103.0	40000	41200	103.0	40000	40100	100.3
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	41000	102.5	40000	41400	103.5	40000	40300	100.8
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38700	96.8	40000	39800	99.5	40000	38700	96.8
Selenium	anr								
Silver	anr								
Sodium	40000	39600	99.0	40000	40300	100.8	40000	39500	98.8
Thallium	2000	2060	103.0	2000	2070	103.5	2000	2010	100.5
Tin									
Vanadium	anr								
Zinc	2000	2050	102.5	2000	2060	103.0	2000	2020	101.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		19:24			20:05			20:46	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2000	100.0	2000	2010	100.5	2000	1970	98.5
Arsenic	anr								
Barium	anr								
Beryllium	2000	2050	102.5	2000	2040	102.0	2000	2010	100.5
Cadmium	2000	2020	101.0	2000	2000	100.0	2000	1960	98.0
Calcium	40000	40300	100.8	40000	40100	100.3	40000	39400	98.5
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	40300	100.8	40000	40200	100.5	40000	39400	98.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38900	97.3	40000	39200	98.0	40000	38100	95.3
Selenium	anr								
Silver	anr								
Sodium	40000	39900	99.8	40000	39800	99.5	40000	38500	96.3
Thallium	2000	2030	101.5	2000	2020	101.0	2000	1990	99.5
Tin									
Vanadium	anr								
Zinc	2000	2030	101.5	2000	2020	101.0	2000	1980	99.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		21:27			22:08			22:49	
Sample ID:	CCV	CCV15		CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2040	102.0	2000	2030	101.5	2000	2030	101.5
Arsenic	anr								
Barium	anr								
Beryllium	2000	2100	105.0	2000	2080	104.0	2000	2060	103.0
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2000	100.0
Calcium	40000	42000	105.0	40000	41300	103.3	40000	40200	100.5
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	41500	103.8	40000	40700	101.8	40000	40400	101.0
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38300	95.8	40000	38000	95.0	40000	39700	99.3
Selenium	anr								
Silver	anr								
Sodium	40000	40300	100.8	40000	39100	97.8	40000	39800	99.5
Thallium	2000	2050	102.5	2000	2050	102.5	2000	2050	102.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2050	102.5	2000	2030	101.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		23:29			00:11			00:51	
Sample ID:	CCV	CCV18		CCV	CCV19		CCV	CCV20	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2040	102.0	2000	2000	100.0	2000	2140	107.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2100	105.0	2000	2070	103.5	2000	2220	111.0*(a
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2190	109.5
Calcium	40000	41500	103.8	40000	41400	103.5	40000	44500	111.3*(b
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	41000	102.5	40000	40800	102.0	40000	43400	108.5
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	39500	98.8	40000	39100	97.8	40000	41400	103.5
Selenium	anr								
Silver	anr								
Sodium	40000	39800	99.5	40000	39800	99.5	40000	42700	106.8
Thallium	2000	2070	103.5	2000	2030	101.5	2000	2190	109.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2040	102.0	2000	2190	109.5

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for Be reported in the area bracketed by this QC.
(b) No samples for Ca reported in the area bracketed by this QC.

7.5.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5736 Units: ug/l

Time:		01:25			01:59			02:20	
Sample ID:	CCV	CCV21		CCV	CCV22		CCV	CCV23	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	2000	2010	100.5	2000	1980	99.0	2000	1980	99.0
Arsenic	anr								
Barium	anr								
Beryllium	2000	2090	104.5	2000	2050	102.5	2000	2050	102.5
Cadmium	2000	2050	102.5	2000	2020	101.0	2000	2020	101.0
Calcium	40000	41700	104.3	40000	40800	102.0	40000	41100	102.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	40000	40800	102.0	40000	40200	100.5	40000	40500	101.3
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	40000	38800	97.0	40000	39200	98.0	40000	38500	96.3
Selenium	anr								
Silver	anr								
Sodium	40000	39800	99.5	40000	40200	100.5	40000	39400	98.5
Thallium	2000	2050	102.5	2000	2030	101.5	2000	2010	100.5
Tin									
Vanadium	anr								
Zinc	2000	2060	103.0	2000	2010	100.5	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

7.5.3

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC Date Analyzed: 05/24/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5736 Units: ug/l

Time:			10:51		10:55		11:28		12:23	
Sample ID:			ICB1		ICB2		CCB1		CCB2	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.1	<6.0			0.70	<6.0	-0.63	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.74	<4.0			-0.73	<4.0	-2.5	<4.0
Cadmium	5.0	1	0.010	<5.0			-0.010	<5.0	0.36	<5.0
Calcium	1000	42	-4.3	<1000			-1.3	<1000	1.5	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-37	<300			-32	<300	-35	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-54	<20000			-55	<20000	-53	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-780	<20000			-1200	<20000	-740	<20000
Thallium	10	2.3			-2.3	<10	0.55	<10	0.17	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-0.29	<20			-1.9	<20	-1.7	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	13:07 CCB3 raw	final	13:47 CCB4 raw	final	14:27 CCB5 raw	final	14:48 CCB6 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	2.4	<6.0	0.030	<6.0	3.8	<6.0	1.5	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-1.9	<4.0	-1.5	<4.0	-1.8	<4.0	-0.70	<4.0
Cadmium	5.0	1	0.19	<5.0	0.0	<5.0	-0.040	<5.0	0.40	<5.0
Calcium	1000	42	-0.59	<1000	-1.6	<1000	-2.6	<1000	-1.1	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-34	<300	-31	<300	-26	<300	-26	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-55	<20000	-47	<20000	-51	<20000	-49	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-690	<20000	-1200	<20000	-630	<20000	-860	<20000
Thallium	10	2.3	-1.3	<10	-0.12	<10	2.6	<10	1.1	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.5	<20	-1.6	<20	-1.8	<20	-1.6	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:			15:51		16:31		17:26		18:08	
Sample ID:			CCB7		CCB8		CCB9		CCB10	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	4.4	<6.0	5.0	<6.0	3.7	<6.0	4.1	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-2.8	<4.0	-0.48	<4.0	-0.87	<4.0	-0.45	<4.0
Cadmium	5.0	1	0.22	<5.0	0.0	<5.0	0.10	<5.0	-0.17	<5.0
Calcium	1000	42	-7.3	<1000	-7.3	<1000	-8.3	<1000	-8.9	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-42	<300	-36	<300	-40	<300	-26	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-95	<20000	-46	<20000	-46	<20000	-58	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-710	<20000	-1100	<20000	-960	<20000	-1100	<20000
Thallium	10	2.3	-1.9	<10	-0.79	<10	-0.62	<10	-0.030	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.6	<20	-1.6	<20	-1.6	<20	-1.5	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	18:48 CCB11 raw	final	19:28 CCB12 raw	final	20:09 CCB13 raw	final	20:50 CCB14 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.2	<6.0	0.64	<6.0	2.9	<6.0	2.5	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	-0.92	<4.0	0.12	<4.0	-0.33	<4.0	-0.87	<4.0
Cadmium	5.0	1	0.010	<5.0	0.040	<5.0	-0.11	<5.0	0.070	<5.0
Calcium	1000	42	-9.4	<1000	-11	<1000	-12	<1000	-10	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-35	<300	-54	<300	-34	<300	-34	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-120	<20000	-56	<20000	-51	<20000	-63	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-740	<20000	-1100	<20000	-1100	<20000	-950	<20000
Thallium	10	2.3	-0.030	<10	-2.2	<10	-1.4	<10	0.51	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.7	<20	-1.1	<20	-1.5	<20	-1.5	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:			21:31		22:12		22:53		23:33	
Sample ID:			CCB15		CCB16		CCB17		CCB18	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	3.5	<6.0	8.3	* (a)	4.0	<6.0	2.2	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.16	<4.0	-1.8	<4.0	-1.5	<4.0	-1.1	<4.0
Cadmium	5.0	1	0.080	<5.0	0.050	<5.0	0.22	<5.0	0.10	<5.0
Calcium	1000	42	-10	<1000	-4.9	<1000	-8.8	<1000	-6.7	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-30	<300	-29	<300	-29	<300	-29	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-48	<20000	-47	<20000	-48	<20000	-80	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-640	<20000	-780	<20000	-870	<20000	-800	<20000
Thallium	10	2.3	0.44	<10	3.2	<10	1.8	<10	-2.6	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.4	<20	-1.1	<20	-1.6	<20	-1.2	<20

(*) Outside of QC limits
(anr) Analyte not requested
(a) Possible positive bias, but all sample results < DL.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: Metal	RL	IDL	00:15 CCB19 raw	final	00:55 CCB20 raw	final	01:29 CCB21 raw	final	02:03 CCB22 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	1.6	<6.0	2.6	<6.0	2.2	<6.0	5.9	<6.0
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1	0.050	<4.0	0.11	<4.0	0.10	<4.0	-0.33	<4.0
Cadmium	5.0	1	-0.050	<5.0	0.36	<5.0	0.20	<5.0	0.090	<5.0
Calcium	1000	42	-5.6	<1000	-8.3	<1000	-6.8	<1000	-6.0	<1000
Chromium	10	.6	anr							
Cobalt	50	1	anr							
Copper	25	.9	anr							
Iron	300	12	-22	<300	-21	<300	-28	<300	-25	<300
Lead	5.0	1.7	anr							
Magnesium	5000	4.3	anr							
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1	anr							
Potassium	10000	10	-32	<20000	-41	<20000	-64	<20000	-32	<20000
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500	-860	<20000	-1000	<20000	-1300	<20000	-680	<20000
Thallium	10	2.3	1.3	<10	0.44	<10	1.7	<10	0.18	<10
Tin	50	3.1								
Vanadium	50	.6	anr							
Zinc	20	1.3	-1.2	<20	-1.2	<20	-1.3	<20	-1.3	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IP052408.ASC
QC Limits: result < RL

Date Analyzed: 05/24/07
Run ID: MA5736

Methods: SW846 6010B
Units: ug/l

Time:			02:24	
Sample ID:			CCB23	
Metal	RL	IDL	raw	final
Aluminum	200	18	anr	
Antimony	6.0	3.4	2.8	<6.0
Arsenic	10	2.8	anr	
Barium	200	5	anr	
Beryllium	4.0	1	-0.25	<4.0
Cadmium	5.0	1	0.0	<5.0
Calcium	1000	42	-10	<1000
Chromium	10	.6	anr	
Cobalt	50	1	anr	
Copper	25	.9	anr	
Iron	300	12	-19	<300
Lead	5.0	1.7	anr	
Magnesium	5000	4.3	anr	
Manganese	15	.6	anr	
Molybdenum	50	1.3		
Nickel	40	1	anr	
Potassium	10000	10	-46	<20000
Selenium	10	2	anr	
Silver	10	.9	anr	
Sodium	10000	500	-660	<20000
Thallium	10	2.3	2.0	<10
Tin	50	3.1		
Vanadium	50	.6	anr	
Zinc	20	1.3	-1.4	<20

(*) Outside of QC limits
(anr) Analyte not requested

7.5.2

7

Prep Log: MP12052

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12052
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 05/22/07

Metal	RL	IDL	MB raw	final
Aluminum	200	18	46.5	<200
Antimony	6.0	3.4	-3.2	<6.0
Arsenic	10	2.8	-3.7	<10
Barium	200	5	0.080	<200
Beryllium	4.0	1	0.080	<4.0
Cadmium	5.0	1	-0.60	<5.0
Calcium	1000	42	9.1	<1000
Chromium	10	.6	-0.22	<10
Cobalt	50	1	-0.74	<50
Copper	25	.9	-1.5	<25
Iron	300	12	18.2	<300
Lead	5.0	1.7	0.090	<5.0
Magnesium	5000	4.3	2.8	<5000
Manganese	15	.6	0.17	<15
Molybdenum	50	1.3		
Nickel	40	1	0.55	<40
Potassium	10000	10	1.5	<10000
Selenium	10	2	2.2	<10
Silver	10	.9	-0.31	<10
Sodium	10000	500	-130	<10000
Thallium	10	2.3	-5.7	<20
Tin	50	3.1	-2.6	<50
Vanadium	50	.6	0.48	<50
Zinc	20	1.3	-2.5	<20

Associated samples MP12052: F49607-6, F49607-7, F49607-8, F49607-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12058
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 05/23/07

Metal	RL	IDL	MB raw	final
Aluminum	9.8	.88	-0.98	<9.8
Antimony	2.9	.17	0.17	<2.9
Arsenic	0.39	.14	-0.050	<0.39
Barium	9.8	.25	0.010	<9.8
Beryllium	0.25	.049	0.012	<0.25
Cadmium	0.20	.049	-0.0029	<0.20
Calcium	250	2.1	1.2	<250
Chromium	0.49	.029	-0.016	<0.49
Cobalt	2.5	.049	-0.062	<2.5
Copper	1.2	.044	-0.20	<1.2
Iron	4.9	.59	1.9	<4.9
Lead	4.9	.083	0.20	<4.9
Magnesium	250	.21	0.50	<250
Manganese	0.74	.029	0.019	<0.74
Molybdenum	2.5	.064		
Nickel	2.0	.049	-0.021	<2.0
Potassium	980	.49	1.3	<980
Selenium	4.9	.098	0.046	<4.9
Silver	0.49	.044	-0.033	<0.49
Sodium	980	25	-5.7	<980
Thallium	2.0	.11	-0.52	<2.0
Tin	2.5	.15	0.24	<2.5
Vanadium	2.5	.029	0.046	<2.5
Zinc	0.98	.064	-0.095	<0.98

Associated samples MP12058: F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, F49607-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

QC Batch ID: MP12015
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/18/07

Metal	RL	IDL	MB raw	final
Mercury	0.083	.0067	-0.0068	<0.083

Associated samples MP12015: F49607-1, F49607-2, F49607-3, F49607-4, F49607-5, F49607-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5740
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:51	MA5740-HSTD1	1		
09:54	MA5740-ICV1	1		
10:03	MA5740-ICB1	1		
10:10	MA5740-CRIA1	1		
10:17	MA5740-CRI1	1		
10:24	MA5740-ICSA1	1		
10:26	MA5740-ICSAB1	1		
10:44	MA5740-CCV1	1		
10:48	MA5740-CCB1	1		
10:52	MP12071-MB1	1		
10:57	MP12071-B1	1		
11:01	F49758-1	1		(sample used for QC only; not part of login F49607)
11:05	MP12071-D1	1		
11:09	MP12071-SD1	5		
11:13	MP12071-S1	1		
11:17	MP12071-S2	1		
11:21	ZZZZZZ	1		
11:26	MP12073-MB1	1		
11:30	MP12073-B1	1		
11:34	MA5740-CCV2	1		
11:38	MA5740-CCB2	1		
11:42	F49452-23	1		(sample used for QC only; not part of login F49607)
11:46	MP12073-D1	1		
11:50	MP12073-SD1	5		
11:55	MP12073-S1	1		
11:59	MP12073-S2	1		
12:03	ZZZZZZ	1		
12:07	ZZZZZZ	1		
12:11	ZZZZZZ	1		
12:15	ZZZZZZ	1		
12:19	ZZZZZZ	1		
12:24	MA5740-CCV3	1		
12:28	MA5740-CCB3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5740
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:32	ZZZZZZ	1		
12:36	ZZZZZZ	1		
12:40	ZZZZZZ	1		
12:44	ZZZZZZ	1		
12:48	ZZZZZZ	1		
12:52	MA5740-CCV4	1		
12:57	MA5740-CCB4	1		
13:07	MA5740-CCV5	1		
13:13	MA5740-CCB5	1		
13:17	F49607-3	100		
---------->	Last reportable sample/prep for job F49607			
13:21	ZZZZZZ	10		
13:26	ZZZZZZ	10		
13:30	ZZZZZZ	5		
13:35	ZZZZZZ	10		
13:39	ZZZZZZ	10		
13:43	ZZZZZZ	5		
13:47	ZZZZZZ	5		
13:51	ZZZZZZ	5		
13:55	ZZZZZZ	10		
13:59	MA5740-CCV6	1		
14:05	MA5740-CCB6	1		
14:10	ZZZZZZ	5		
14:14	ZZZZZZ	4		
14:18	ZZZZZZ	2		
14:23	MA5740-CCV7	1		
14:28	MA5740-CCB7	1		
14:41	ZZZZZZ	5		
14:45	ZZZZZZ	5		
14:49	ZZZZZZ	2		
14:53	ZZZZZZ	10		
14:57	ZZZZZZ	5		
15:01	ZZZZZZ	5		
15:06	F49690-21	5		(sample used for QC only; not part of login F49607)

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
Analyst: RS
Parameters: Ca

Date Analyzed: 05/29/07 Methods: SW846 6010B
Run ID: MA5740

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:10	ZZZZZZ	5		
15:14	ZZZZZZ	2		
15:18	ZZZZZZ	2		
15:22	MA5740-CCV8	1		
15:27	MA5740-CCB8	1		
15:50	MP12086-MB1	1		
15:54	MP12086-B1	1		
15:58	F49820-1	1		(sample used for QC only; not part of login F49607)
16:02	MP12086-D1	1		
16:06	MP12086-SD1	5		
16:11	MP12086-S1	1		
16:15	MP12086-S2	1		
16:19	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:27	ZZZZZZ	1		
16:31	MA5740-CCV9	1		
16:37	MA5740-CCB9	1		
16:45	ZZZZZZ	1		
16:49	ZZZZZZ	1		
16:53	ZZZZZZ	1		
17:01	ZZZZZZ	1		
17:05	ZZZZZZ	1		
17:10	ZZZZZZ	1		
17:14	ZZZZZZ	1		
17:18	ZZZZZZ	1		
17:22	ZZZZZZ	1		
17:26	MA5740-CCV10	1		
17:31	MA5740-CCB10	1		
17:36	ZZZZZZ	1		
17:40	ZZZZZZ	1		
17:44	ZZZZZZ	1		
17:48	ZZZZZZ	1		
17:52	ZZZZZZ	1		

7.6
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
Analyst: RS
Parameters: Ca

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:56	ZZZZZZ	1		
18:01	MP12084-MB1	1		
18:06	MP12084-B1	1		
18:10	F49732-1A	1		(sample used for QC only; not part of login F49607)
18:14	MP12084-D1	1		
18:18	MA5740-CCV11	1		
18:23	MA5740-CCB11	1		
18:28	MP12084-SD1	5		
18:32	MP12084-S1	1		
18:36	MP12084-S2	1		
18:40	ZZZZZZ	1		
18:44	F49640-1A	1		(sample used for QC only; not part of login F49607)
18:48	ZZZZZZ	1		
18:52	ZZZZZZ	1		
18:56	ZZZZZZ	1		
19:01	ZZZZZZ	1		
19:05	ZZZZZZ	1		
19:09	MA5740-CCV12	1		
19:14	MA5740-CCB12	1		
19:18	ZZZZZZ	1		
19:22	ZZZZZZ	1		
19:27	MP12084-D2	1		
19:32	MP12084-MB2	1		
19:36	MP12084-B2	1		
19:41	MP12087-MB1	1		
19:45	MP12087-B1	1		
19:50	F49789-1	1		(sample used for QC only; not part of login F49607)
19:54	MP12087-D1	1		
19:58	MP12087-SD1	5		
20:02	MA5740-CCV13	1		
20:07	MA5740-CCB13	1		
20:11	MP12087-S1	1		
20:16	MP12087-S2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
Analyst: RS
Parameters: Ca

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:20	ZZZZZZ	1		
20:24	ZZZZZZ	1		
20:28	ZZZZZZ	1		
20:32	ZZZZZZ	1		
20:36	ZZZZZZ	1		
20:40	ZZZZZZ	1		
20:45	ZZZZZZ	1		
20:49	ZZZZZZ	1		
20:53	MA5740-CCB14	1		
20:58	MA5740-CCV14	1		
21:02	ZZZZZZ	1		
21:06	ZZZZZZ	1		
21:11	ZZZZZZ	1		
21:15	ZZZZZZ	1		
21:19	ZZZZZZ	1		
21:23	ZZZZZZ	1		
21:27	ZZZZZZ	1		
21:31	ZZZZZZ	1		
21:35	ZZZZZZ	1		
21:40	ZZZZZZ	1		
21:44	MA5740-CCB15	1		
21:49	MA5740-CCV15	1		
21:53	ZZZZZZ	1		
21:59	MP12088-MB1	1		
22:03	MP12088-B1	1		
22:07	F49727-1	1		(sample used for QC only; not part of login F49607)
22:11	MP12088-D1	1		
22:15	MP12088-SD1	5		
22:19	MP12088-S1	1		
22:23	MP12088-S2	1		
22:28	ZZZZZZ	1		
22:32	ZZZZZZ	1		
22:36	MA5740-CCB16	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5740
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:41	MA5740-CCV16	1		
22:45	ZZZZZZ	1		
22:49	ZZZZZZ	1		
22:54	ZZZZZZ	1		
22:58	ZZZZZZ	1		
23:02	ZZZZZZ	1		
23:06	ZZZZZZ	1		
23:10	ZZZZZZ	1		
23:14	ZZZZZZ	1		
23:18	ZZZZZZ	1		
23:23	ZZZZZZ	1		
23:27	MA5740-CCB17	1		
23:32	MA5740-CCV17	1		
23:36	ZZZZZZ	1		
23:40	ZZZZZZ	1		
23:45	ZZZZZZ	1		
23:49	ZZZZZZ	1		
23:53	ZZZZZZ	1		
23:57	ZZZZZZ	1		
00:01	ZZZZZZ	1		
00:06	MP12085-MB1	1		
00:11	MP12085-B1	1		
00:15	F49656-16	1		(sample used for QC only; not part of login F49607)
00:19	MA5740-CCB18	1		
00:24	MA5740-CCV18	1		
00:28	MP12085-D1	1		
00:32	MP12085-SD1	5		
00:37	MP12085-S1	1		
00:41	MP12085-S2	1		
00:45	ZZZZZZ	1		
00:49	ZZZZZZ	1		
00:53	ZZZZZZ	1		
00:57	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
Analyst: RS Run ID: MA5740
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:02	ZZZZZZ	1		
01:06	ZZZZZZ	1		
01:10	MA5740-CCB19	1		
01:15	MA5740-CCV19	1		
01:19	ZZZZZZ	1		
01:23	ZZZZZZ	1		
01:28	ZZZZZZ	1		
01:32	ZZZZZZ	1		
01:36	ZZZZZZ	1		
01:40	ZZZZZZ	1		
01:44	ZZZZZZ	1		
01:48	ZZZZZZ	1		
01:53	ZZZZZZ	1		
01:57	ZZZZZZ	1		
02:01	MA5740-CCB20	1		
02:06	MA5740-CCV20	1		
02:10	ZZZZZZ	1		
02:15	ZZZZZZ	1		
02:20	MP12085-MB2A	1		
02:24	MP12089-MB1	1		
02:28	MP12089-B1	1		
02:32	F49656-9A	1		(sample used for QC only; not part of login F49607)
02:36	MP12089-D1	1		
02:41	MP12089-SD1	5		
02:45	MP12089-S1	1		
02:49	MP12089-S2	1		
02:53	MA5740-CCB21	1		
02:58	MA5740-CCV21	1		
03:03	ZZZZZZ	1		
03:07	ZZZZZZ	1		
03:11	ZZZZZZ	1		
03:15	ZZZZZZ	1		
03:19	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
Analyst: RS
Parameters: Ca

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:23	ZZZZZZ	1		
03:28	ZZZZZZ	1		
03:32	ZZZZZZ	1		
03:36	ZZZZZZ	1		
03:40	ZZZZZZ	1		
03:44	MA5740-CCB22	1		
03:49	MA5740-CCV22	1		
03:54	ZZZZZZ	1		
03:58	ZZZZZZ	1		
04:02	ZZZZZZ	1		
04:06	ZZZZZZ	1		
04:10	ZZZZZZ	1		
04:14	ZZZZZZ	1		
04:19	ZZZZZZ	1		
04:23	ZZZZZZ	1		
04:27	MA5740-CCB23	1		
04:32	MA5740-CCV23	1		
04:36	MP12089-MB2A	1		
04:41	MA5740-CRIA2	1		
04:45	MA5740-CRI2	1		
04:49	MA5740-ICSA2	1		
04:53	MA5740-ICSAB2	1		
05:10	MA5740-CCV24	1		
05:15	MA5740-CCB24	1		

----------> Last reportable CCB for job F49607
Refer to raw data for calibration curve and standards.

7.6
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		09:54			10:44			11:34		
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium	40000	40200	100.5	40000	40200	100.5	40000	39300	98.3
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		12:24			12:52			13:07		
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium										
Cadmium	anr									
Calcium	40000	39200	98.0	40000	38900	97.3	40000	40600	101.5	
Chromium	anr									
Cobalt										
Copper	anr									
Iron	anr									
Lead	anr									
Magnesium										
Manganese	anr									
Molybdenum										
Nickel										
Potassium	anr									
Selenium	anr									
Silver	anr									
Sodium										
Thallium										
Tin										
Vanadium										
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		13:59			14:23			15:22		
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8		
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec	
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium										
Cadmium	anr									
Calcium	40000	39300	98.3	40000	39400	98.5	40000	40100	100.3	
Chromium	anr									
Cobalt										
Copper	anr									
Iron	anr									
Lead	anr									
Magnesium										
Manganese	anr									
Molybdenum										
Nickel										
Potassium	anr									
Selenium	anr									
Silver	anr									
Sodium										
Thallium										
Tin										
Vanadium										
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		16:31			17:26			18:18		
Sample ID:	CCV	CCV9			CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec		True	Results	% Rec	True	Results	% Rec
Aluminum	anr									
Antimony	anr									
Arsenic	anr									
Barium	anr									
Beryllium										
Cadmium	anr									
Calcium	40000	40300	100.8		40000	41600	104.0	40000	40300	100.8
Chromium	anr									
Cobalt										
Copper	anr									
Iron	anr									
Lead	anr									
Magnesium										
Manganese	anr									
Molybdenum										
Nickel										
Potassium	anr									
Selenium	anr									
Silver	anr									
Sodium										
Thallium										
Tin										
Vanadium										
Zinc	anr									

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3 7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time:		19:09			20:02			20:58	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium	40000	40000	100.0	40000	40100	100.3	40000	41000	102.5
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		21:49			22:41			23:32	
Sample ID:	CCV	CCV15		CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium	40000	40700	101.8	40000	41100	102.8	40000	41100	102.8
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		00:24			01:15			02:06	
Sample ID:	CCV	CCV18		CCV	CCV19		CCV	CCV20	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium	40000	42000	105.0	40000	41800	104.5	40000	41500	103.8
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		02:58			03:49			04:32	
Sample ID:	CCV	CCV21		CCV	CCV22		CCV	CCV23	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium									
Cadmium	anr								
Calcium	40000	43100	107.8	40000	42800	107.0	40000	41800	104.5
Chromium	anr								
Cobalt									
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium									
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium									
Thallium									
Tin									
Vanadium									
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5740 Units: ug/l

Time:		05:10	
Sample ID:	CCV	CCV24	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium			
Cadmium	anr		
Calcium	40000	40600	101.5
Chromium	anr		
Cobalt			
Copper	anr		
Iron	anr		
Lead	anr		
Magnesium			
Manganese	anr		
Molybdenum			
Nickel			
Potassium	anr		
Selenium	anr		
Silver	anr		
Sodium			
Thallium			
Tin			
Vanadium			
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

7.6.3

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5740 Units: ug/l

Time:			10:03		10:48		11:38		12:28	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	-4.8	<1000	3.7	<1000	6.3	<1000	8.6	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: result < RL

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time:			12:57		13:13		14:05		14:28	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	7.9	<1000	2.5	<1000	0.86	<1000	0.94	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

7.6.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: result < RL

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time:			15:27		16:37		17:31		18:23	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	-10	<1000	-11	<1000	-12	<1000	-11	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: result < RL

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	19:14 CCB12 raw	final	20:07 CCB13 raw	final	20:53 CCB14 raw	final	21:44 CCB15 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	-11	<1000	-5.0	<1000	-2.4	<1000	-1.5	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

7.6.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: result < RL

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time:			22:36		23:27		00:19		01:10	
Sample ID:			CCB16		CCB17		CCB18		CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	-8.0	<1000	-6.2	<1000	-8.0	<1000	-13	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

7.6.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC
QC Limits: result < RL

Date Analyzed: 05/29/07
Run ID: MA5740

Methods: SW846 6010B
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	02:01 CCB20 raw	final	02:53 CCB21 raw	final	03:44 CCB22 raw	final	04:27 CCB23 raw	final
Aluminum	200	18	anr							
Antimony	6.0	3.4	anr							
Arsenic	10	2.8	anr							
Barium	200	5	anr							
Beryllium	4.0	1								
Cadmium	5.0	1	anr							
Calcium	1000	42	-14	<1000	-12	<1000	-8.3	<1000	-9.9	<1000
Chromium	10	.6	anr							
Cobalt	50	1								
Copper	25	.9	anr							
Iron	300	12	anr							
Lead	5.0	1.7	anr							
Magnesium	5000	4.3								
Manganese	15	.6	anr							
Molybdenum	50	1.3								
Nickel	40	1								
Potassium	10000	10	anr							
Selenium	10	2	anr							
Silver	10	.9	anr							
Sodium	10000	500								
Thallium	10	2.3								
Tin	50	3.1								
Vanadium	50	.6								
Zinc	20	1.3	anr							

(*) Outside of QC limits
(anr) Analyte not requested

7.6.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: IR052907.ASC Date Analyzed: 05/29/07 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5740 Units: ug/l

Time:			05:15	
Sample ID:			CCB24	
Metal	RL	IDL	raw	final
Aluminum	200	18	anr	
Antimony	6.0	3.4	anr	
Arsenic	10	2.8	anr	
Barium	200	5	anr	
Beryllium	4.0	1		
Cadmium	5.0	1	anr	
Calcium	1000	42	-9.5	<1000
Chromium	10	.6	anr	
Cobalt	50	1		
Copper	25	.9	anr	
Iron	300	12	anr	
Lead	5.0	1.7	anr	
Magnesium	5000	4.3		
Manganese	15	.6	anr	
Molybdenum	50	1.3		
Nickel	40	1		
Potassium	10000	10	anr	
Selenium	10	2	anr	
Silver	10	.9	anr	
Sodium	10000	500		
Thallium	10	2.3		
Tin	50	3.1		
Vanadium	50	.6		
Zinc	20	1.3	anr	

(*) Outside of QC limits
(anr) Analyte not requested

7.6.2
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
Analyst: MS Run ID: MA5722
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:49	MA5722-STD1	1		STD01REP1
10:50	MA5722-STD2	1		STD02REP1
10:52	MA5722-STD3	1		STD03REP1
10:54	MA5722-STD4	1		STD04REP1
10:55	MA5722-STD5	1		STD05REP1
10:57	MA5722-STD6	1		STD06REP1
10:59	MA5722-HSTD1	1		
11:01	MA5722-ICV1	1		
11:02	MA5722-ICB1	1		
11:05	MA5722-CRI1	1		
11:06	MA5722-CCV1	1		
11:08	MA5722-CCB1	1		
11:10	MP12014-MB1	1		
11:12	MP12014-B1	1		
11:14	F49620-22	1		(sample used for QC only; not part of login F49607)
11:16	MP12014-SD1	5		
11:17	MP12014-D1	1		
11:19	MP12014-S1	1		
11:21	MP12014-S2	1		
11:23	ZZZZZZ	1		
11:25	ZZZZZZ	1		
11:27	ZZZZZZ	1		
11:28	MA5722-CCV2	1		
11:30	MA5722-CCB2	1		
11:33	ZZZZZZ	1		
11:35	ZZZZZZ	1		
11:37	ZZZZZZ	1		
11:39	ZZZZZZ	1		
11:41	ZZZZZZ	1		
11:46	ZZZZZZ	1		
11:47	ZZZZZZ	1		
11:49	ZZZZZZ	1		
11:51	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:53	ZZZZZZ	1		
11:54	MA5722-CCV3	1		
11:56	MA5722-CCB3	1		
11:58	ZZZZZZ	1		
12:00	ZZZZZZ	1		
12:02	ZZZZZZ	1		
12:04	ZZZZZZ	1		
12:06	ZZZZZZ	1		
12:07	ZZZZZZ	1		
12:10	MP12015-MB1	1		
12:11	MP12015-B1	1		
12:13	F49607-5	1		
12:15	MP12015-SD1	5		
12:16	MA5722-CCV4	1		
12:18	MA5722-CCB4	1		
12:20	MP12015-D1	1		
12:22	MP12015-S1	1		
12:23	MP12015-S2	1		
12:26	ZZZZZZ	1		
12:27	ZZZZZZ	1		
12:29	ZZZZZZ	1		
12:31	ZZZZZZ	1		
12:33	ZZZZZZ	1		
12:34	ZZZZZZ	1		
12:36	ZZZZZZ	1		
12:38	MA5722-CCV5	1		
12:40	MA5722-CCB5	1		
12:44	ZZZZZZ	1		
12:46	ZZZZZZ	1		
12:48	ZZZZZZ	1		
12:49	ZZZZZZ	1		
12:51	ZZZZZZ	1		
12:53	F49607-1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
Analyst: MS Run ID: MA5722
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:55	F49607-2	1		
12:56	F49607-3	1		
12:58	F49607-4	1		
13:00	MA5722-CCV6	1		
13:02	MA5722-CCB6	1		
13:03	F49607-9	1		
---------->	Last reportable sample/prep for job F49607			
13:05	ZZZZZZ	1		
13:07	ZZZZZZ	30		
13:09	MA5722-CRI2	1		
13:11	MA5722-CCV7	1		
13:12	MA5722-CCB7	1		
---------->	Last reportable CCB for job F49607			
	Refer to raw data for calibration curve and standards.			

7.1
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: 90 to 110 % Recovery

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time:		11:01			11:06			11:28	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3	3.1	103.3	3	3.2	106.7

(*) Outside of QC limits
(anr) Analyte not requested

7.1.2

7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA5722 Units: ug/l

Time:		11:54			12:16			12:38	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	3.1	103.3	3	3.1	103.3	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA5722 Units: ug/l

Time:		13:00			13:11	
Sample ID:	CCV	CCV6		CCV	CCV7	
Metal	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN Date Analyzed: 05/18/07 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA5722 Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	11:02 ICB1 raw	final	11:08 CCB1 raw	final	11:30 CCB2 raw	final	11:56 CCB3 raw	final
Mercury	1.0	.08	0.0090	<1.0	-0.026	<1.0	-0.014	<1.0	-0.091	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518S1.PRN
QC Limits: result < RL

Date Analyzed: 05/18/07
Run ID: MA5722

Methods: SW846 7471A
Units: ug/l

Time: / Sample ID: / Metal	RL	IDL	12:18 CCB4 raw	final	12:40 CCB5 raw	final	13:02 CCB6 raw	final	13:12 CCB7 raw	final
Mercury	1.0	.08	0.039	<1.0	-0.042	<1.0	-0.064	<1.0	0.043	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN
Analyst: MS
Parameters: Hg

Date Analyzed: 05/18/07
Run ID: MA5723

Methods: SW846 7470A

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:03	MA5723-STD1	1		STD01REP1
14:05	MA5723-STD2	1		STD02REP1
14:07	MA5723-STD3	1		STD03REP1
14:09	MA5723-STD4	1		STD04REP1
14:11	MA5723-STD5	1		STD05REP1
14:13	MA5723-STD6	1		STD06REP1
14:16	MA5723-HSTD1	1		
14:18	MA5723-ICV1	1		
14:20	MA5723-ICB1	1		
14:22	MA5723-CRI1	1		
14:23	MA5723-CCV1	1		
14:26	MA5723-CCB1	1		
14:27	MP12016-MB1	1		
14:29	MP12016-B1	1		
14:31	F49460-1A	1		(sample used for QC only; not part of login F49607)
14:33	MP12016-SD1	5		
14:35	MP12016-D1	1		
14:37	MP12016-S1	1		
14:39	ZZZZZZ	1		
14:41	ZZZZZZ	1		
14:43	ZZZZZZ	1		
14:45	ZZZZZZ	1		
14:47	MA5723-CCV2	1		
14:49	MA5723-CCB2	1		
14:51	MP12016-D2	1		
14:53	MP12016-MB2	1		
14:54	MP12016-B2	1		
14:56	MP12017-MB1	1		
14:58	MP12017-B1	1		
15:00	F49499-1	1		(sample used for QC only; not part of login F49607)
15:02	MP12017-SD1	5		
15:04	MP12017-D1	1		
15:06	MP12017-S1	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
Analyst: MS Run ID: MA5723
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:08	MP12017-S2	1		
15:10	MA5723-CCV3	1		
15:12	MA5723-CCB3	1		
15:15	ZZZZZZ	1		
15:17	ZZZZZZ	1		
15:20	ZZZZZZ	1		
15:22	ZZZZZZ	1		
15:23	ZZZZZZ	1		
15:26	ZZZZZZ	1		
15:27	ZZZZZZ	1		
15:30	ZZZZZZ	1		
15:31	ZZZZZZ	1		
15:33	ZZZZZZ	1		
15:35	MA5723-CCV4	1		
15:37	MA5723-CCB4	1		
15:39	ZZZZZZ	1		
15:41	ZZZZZZ	1		
15:43	MP12018-MB1	1		
15:45	MP12018-B1	1		
15:47	F49607-8	1		
15:48	MP12018-SD1	5		
15:50	MP12018-D1	1		
15:52	MP12018-S1	1		
15:54	ZZZZZZ	1		
15:55	ZZZZZZ	1		
15:57	MA5723-CCV5	1		
15:59	MA5723-CCB5	1		
16:00	ZZZZZZ	1		
16:02	ZZZZZZ	1		
16:04	F49607-6	1		
16:06	F49607-7	1		
16:08	F49607-10	1		
---------->	Last reportable sample/prep for job F49607			
16:10	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
Analyst: MS Run ID: MA5723
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
16:12	MP12016-MB3	1		
16:14	MP12016-B3	1		
16:16	ZZZZZZ	1		
16:18	MA5723-CRI2	1		
16:20	MA5723-CCV6	1		
16:22	MA5723-CCB6	1		

----------> Last reportable CCB for job F49607
Refer to raw data for calibration curve and standards.

7.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA5723 Units: ug/l

Time:		14:18			14:23			14:47	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3	2.8	93.3	3.0	3.0	100.0	3	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA5723 Units: ug/l

Time:		15:10			15:35			15:57	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Mercury	3.0	3.0	100.0	3	2.9	96.7	3	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2
7

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA5723 Units: ug/l

Time:		16:20	
Sample ID:	CCV	CCV6	
Metal	True	Results	% Rec
Mercury	3	2.9	96.7

(*) Outside of QC limits
(anr) Analyte not requested

7.2.2

7

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA5723 Units: ug/l

Time:			14:20		14:26		14:49		15:12	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Mercury	1.0	.08	-0.022	<1.0	0.044	<1.0	0.049	<1.0	-0.0080	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: H20518W1.PRN Date Analyzed: 05/18/07 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA5723 Units: ug/l

Time:			15:37		15:59		16:22	
Sample ID:			CCB4		CCB5		CCB6	
Metal	RL	IDL	raw	final	raw	final	raw	final
Mercury	1.0	.08	-0.022	<1.0	-0.0010	<1.0	0.0010	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

7.2.1
7

Instrument Detection Limits

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: LEEMANHG2 Effective Date: 05/04/06

Analyte	IDL ug/l
Mercury	.08

The above applies to the following instrument runs:
MA5722,MA5723

Instrument Detection Limits

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: TJATRACE1 Effective Date: 11/09/06

Analyte	IDL ug/l
Aluminum	18
Antimony	3.4
Arsenic	2.8
Barium	5
Beryllium	1
Cadmium	1
Calcium	42
Chromium	.6
Cobalt	1
Copper	.9
Iron	12
Lead	1.7
Magnesium	4.3
Manganese	.6
Molybdenum	1.3
Nickel	1
Potassium	10
Selenium	2
Silver	.9
Sodium	500
Thallium	2.3
Tin	3.1
Vanadium	.6
Zinc	1.3

The above applies to the following instrument runs:
MA5740

Instrument Detection Limits

Job Number: F49607
Account: TETRPAPT Tetra Tech NUS
Project: NAS Key West, Key West, FL

Instrument ID: TJATRACE2 Effective Date: 11/09/06

Analyte	IDL ug/l
Aluminum	18
Antimony	3.4
Arsenic	2.8
Barium	5
Beryllium	1
Cadmium	1
Calcium	42
Chromium	.6
Cobalt	1
Copper	.9
Iron	12
Lead	1.7
Magnesium	4.3
Manganese	.6
Molybdenum	1.3
Nickel	1
Potassium	10
Selenium	2
Silver	.9
Sodium	500
Thallium	2.3
Tin	3.1
Vanadium	.6
Zinc	1.3

The above applies to the following instrument runs:
MA5732,MA5734,MA5736

MP12058

Metals Digestion Log: Soil

Method of Digestion: SW846-3050B

Temp: 94° Thermometer ID 206

Balance ID NAV1

Added**:	HNO_3	HCl	H_2O_2	Filter Lot P636
Mfg:	Fisher/Baker	Fisher/Baker	Fisher	Dig.Tube Lot#
Lot#	E04030	C50060	068161	339918025261108

Sample #	Wt., g	Fin. Vol.	Date	Comments	Spk.Sol.*	Amount Used*
MB 05/23/07	1.02	50 mL	05/23/07		1 Acu 457	0.5ml
SB 05/23/07	1.00				2 Acu 453	0.25ml
MS F49607-5.1	1.03				3 Mrk 2353	0.25ml
MSD F49607-5.1	1.00					
Dup F49607-5.1	1.03					
1 QC F49607-5.1	1.02					
2 F49607-1.1	1.00					
3 F49607-2.1	1.02					
4 F49607-3.1	1.00					
5 F49607-4.1	1.03					
6 F49607-9.1	1.02					
7 F49591-1.1	1.04					
8 F49591-2.1	1.00					
9 F49591-3.1	1.03					
10 F49591-4.1	1.00					
11 F49591-5.1	1.05					
12 F49591-6.1	1.00					
13 F49591-7.1	1.00					
14 F49591-8.1	1.05					
15 F49591-9.1	1.02					
16 F49591-10.1	1.00					
17 F49591-11.1	1.03					
18 F49591-12.1	1.04					
19 F49591-13.1	1.01					
20 F49591-14.1	1.00					

Analyst Stacy Reed Date 05/23/07

QC Review [signature] Date 05/23/07

* Used For SB, MS, MSD

**For reagent volume used consult SOP MET104, current revision

Rev. 02/06/07 SI

Accutest SE

Mercury Digestion Log Water or ~~Soil~~ or TCLP
(circle one)

Method of Digestion: SW846-7470A/~~7471~~A/EPA245.1
(circle one)

Temp., C: 94°C

Analyst: WS

Thermometer #: 206

Date/Time Started*: 5/18/07 0800

Date/Time Ended*: 5/18/07 0830

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 12015

Reagents Added**	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	~~Fisher/Baker~~	~~Fisher/Baker~~	Fisher/Baker	Baker	Baker	Sigma	Baker/Sigma
Lot#	E04630	C50060	N/A	MET 2350	N/A	107H3EE	MET 2347
Dig.Tube Lot#	33591802526108						

5/18/07

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL				See pg #84 S-FOR CURVE INFO
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV			5/18/07	
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank	0.60		50	
Blank Spike	0.60			
MS ~~F49620-20~~	0.69			F49607-5.1
MSD	0.65			↓
Dup	0.62			F49607-5.1
1QC ~~F49620-20~~ 5/18/07	0.69			
2 F49620-21.1	0.64			
3 -23.1	0.70			
4 -24.1	0.70			
5 -25.1	0.65			
6 F49620-26.1	0.66			
7 F49063-13R.1	0.68			
8 F49063-14R.1	0.68			
9 F49585-1.1	0.67			
10 -2.1	0.64			
11 -3.1	0.64			
12 -4.1	0.66			
13 -5.1	0.66			
14 F49585-6.1	0.67			
15 F49607-1.1	0.66			
16 -2.1	0.70			
17 -3.1	0.67			
18 -4.1	0.66			
19 F49607-9.1	0.70			
20 F49620-20.1	0.63			

Analysts Signature: [signature] 5/18/07

Rev. Signature: [signature] 05/18/07

10ppm int. met# 2312

10ppm 2nd met# 2313

100ppb(curve,bs,ms,msd,cri,ccv)met# 2344

100ppb 2nd(ICV) met# 2348

** For reagent volume used consult SOP MET105 or MET106, current revision

Rev. 04/24/07 SI

Mercury Digestion Log Water or Soil or TCLP
(circle one)

Method of Digestion: SW846-7470A/7471A/EPA245.1
(circle one)

Temp., C: 95°C

Analyst: AJ

Thermometer #: 305

Date/Time Started*: 5/18/07 0700

Date/Time Ended*: 5/18/07 0900

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 12018

Reagents Added**	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	Fisher/Baker	Fisher/Baker	Fisher/Baker	Baker	Baker	Sigma	Baker/Sigma
Lot#	E04030	N/A	3/06040	MET2350	MET2343	107072EE	MET2347
Dig.Tube Lot#	2349/180258	41108					

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL				See F9461 for curve info
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV				
ICB		(AJ)	5/18/07	
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank		50	50	
Blank Spike		↓	↓	
MS F49607-8.3		↓	↓	
MSD				(AJ) 5/18/07
Dup F49607-8.3		50	50	
1 QC ↓		↓	↓	
2 F49565-7.3		↓	↓	
3 ↓ -8.3		↓	↓	
4 ↓ -9.2		↓	↓	
5 F49565-10.2		↓	↓	
6 F49607-6.2		↓	↓	
7 ↓ -7.3		↓	↓	
8 F49607-10.3		↓	↓	
9 F49492-2.4		1.00	↓	
10				
11				
12				
13				
14				
15				
16		(AJ) 5/18/07		
17				
18				
19				
20				

Analysts Signature: [signature]

Rev. Signature: [signature] 5/18/07

10ppm int. met# 2312

10ppm 2nd met# 2313

100ppb(curve,bs,ms,msd,cri,ccv)met# 2344

100ppb 2nd(ICV) met# 2345

** For reagent volume used consult SOP MET105 or MET106, current revision

Rev. 04/24/07 SI

MP12052

Metals Digestion Log: Water

Method of Digestion: SW846-3010A/3005A/EPA 200.7/3030C (CIRCLE ONE) Temp: 95° C Thermometer ID 207

	Spk. Sol.*	Amount Used*
1	Acc. 457	0.5 ml
2	Acc 453	0.25 ml
3	mit 2353	0.25 ml

Added:**	HNO_3	HCl	
Mfg:	Fisher/Baker	Fisher/Baker	
Lot#	E04030	C500G0	Digestion Tube Lot# 339918025261108

Sample #	Init. Vol/Wt	Fin. Vol/Wt	Date	Comments
MB 05/22/07	50 mL	50 ml	05/23/07	
SB 05/22/07				
MS F49607-8.4				
MSD F49607-8.4				
Dup F49607-8.4				
1 QC F49607-8.4				
2 F49607-6.3				
3 F49607-7.3				
4 F49607-10.3				
5 F49565-7.2				
6 F49565-8.3				
7 F49565-9.3				
8 F49565-10.3				
9 F49572-1.4				
10 F49577-1.9				
11 F49587-1.9				
12 F49593-3.8				
13 F49593-4.8				
14 F49592-4.7				
15 F49592-5.7				
16 F49592-6.7				
17 F49592-7.7				
18 F49608-1.24				
19 F49622-1.1				
20 F49622-2.1				

Analyst Stacy Reed Date 05/22/07

QC Review [signature] Date 05/22/07

* Used For SB, MS, MSD

**For volume of acid added consult SOP MET103, current revision

Rev. 02/06/07 SI

Accutest SE

46

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chloride	GP9414/GN25791	2.0	<2.0	mg/l	50	52.9	105.8	90-110%
Color, Apparent	GN25508	5	<5	CU				
Nitrogen, Nitrate	GP9414/GN25791	0.10	<0.10	mg/l	2.5	2.64	105.6	90-110%
Solids, Total Dissolved	GN25531	100	<100	mg/l				
Sulfate	GP9414/GN25791	2.0	<2.0	mg/l	50	53.9	107.8	90-110%

Associated Samples:
Batch GN25508: F49607-10, F49607-6, F49607-7, F49607-8
Batch GN25531: F49607-10, F49607-6, F49607-7, F49607-8
Batch GP9414: F49607-10, F49607-6, F49607-7, F49607-8
(*) Outside of QC limits

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT
Analyst: MP
Parameters: Chloride

Date Analyzed: 05/31/07
Run ID: GN25791

Methods: EPA 300/SW846 9056

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:08	GN25791-ICV1	1		
14:26	GN25791-ICB1	1		
14:44	GN25791-CCV1	1		
15:03	GN25791-CCB1	1		
15:39	GP9414-MB1	1		
15:58	GP9414-B1	1		
16:16	ZZZZZZ	1		
16:35	ZZZZZZ	1		
16:53	F49756-3	1		(sample used for QC only; not part of login F49607)
17:12	F49756-4	1		(sample used for QC only; not part of login F49607)
17:30	ZZZZZZ	1		
17:48	ZZZZZZ	1		
18:06	ZZZZZZ	1		
18:25	GN25791-CCV2	1		
18:44	GN25791-CCB2	1		
19:02	ZZZZZZ	1		
19:21	ZZZZZZ	1		
19:39	ZZZZZZ	100		
19:58	ZZZZZZ	100		
20:16	ZZZZZZ	100		
20:34	ZZZZZZ	100		
20:53	F49607-6	50		
21:11	F49607-7	50		
21:30	F49607-8	100		
21:48	F49607-10	100		
22:06	GN25791-CCV3	1		
22:25	GN25791-CCB3	1		
22:43	ZZZZZZ	1		
23:02	ZZZZZZ	1		
23:20	ZZZZZZ	1		
23:38	GP9414-D1	1		
23:57	GP9414-S1	1		
00:15	GP9414-D2	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT
Analyst: MP
Parameters: Chloride

Date Analyzed: 05/31/07
Run ID: GN25791

Methods: EPA 300/SW846 9056

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:33	GP9414-S2	1		
01:10	GN25791-CCV4	1		
01:29	GN25791-CCB4	1		

Refer to raw data for calibration curve and standards.

9.4
9

Instrument QC Summary
Inorganics Analyses

Login Number: F49607
Account: TETRPAPT - Tetra Tech NUS
Project: NAS Key West, Key West, FL

File ID: 207053101.TXT

Date Analyzed: 05/31/07
Run ID: GN25791

Methods: EPA 300/SW846 9056
Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN25791-ICV1	Chloride	50.6	2.0	1.0	12	101.0	90-110
GN25791-ICB1	Chloride	1.0 U	2.0	1.0			
GN25791-CCV1	Chloride	51.7	2.0	1.0	12	103.0	90-110
GN25791-CCB1	Chloride	1.0 U	2.0	1.0			
GN25791-CCV2	Chloride	54.6	2.0	1.0	12	109.0	90-110
GN25791-CCB2	Chloride	1.0 U	2.0	1.0			
GN25791-CCV3	Chloride	55.1	2.0	1.0	12	110.0	90-110
GN25791-CCB3	Chloride	1.0 U	2.0	1.0			
GN25791-CCV4	Chloride	55.2	2.0	1.0	12	460.0	90-110
GN25791-CCB4	Chloride	1.0 U	2.0	1.0			

(!) Outside of QC limits

9.4
9

Field Duplicate Calculations

AQU

Parameters	Original Sample	Duplicate Sample	RPD
	S1-SW-24-00-0507	S1-FD-051607-02	
aluminum	48.6 u	141	
barium	25.6	26.1	1.93
calcium	399000	399000	0.00
magnesium	1210000	1190000	1.67
manganese	10.6	10.6	0.00
mercury	0.23	0.1 u	
potassium	651000	629000	3.44
thallium	4.2	2.9 u	
vanadium	5.1	4.7	8.16
zinc	2.5	3.4	30.51
chloride	19400	19600	1.03
color	80	120	40.00
pH	7.6	7.7	1.31
TDS	74400	34600	73.03

SOIL

Parameters	Original Sample	Duplicate Sample	RPD
	S1-SD-24-00-0507	S1-FD-051607-01	
aluminum	1190	1750	
arsenic	1.3	1.3	0.00
barium	3.9	5.4	32.26
cadmium	0.18	0.19	5.41
calcium	67500	84900	22.83
chromium	3.5	4.5	25.00
cobalt	0.077 u	0.088	
copper	6.5	7.6	15.60
iron	623	768	20.85
lead	6.9	9.7	33.73
magnesium	6420	7910	20.80
manganese	9.1	11.7	25.00
mercury	0.058	0.051	12.84
potassium	1500	1710	13.08
silver	0.08	0.074 u	
sodium	18200	17700	2.79
vanadium	3.4	3.7	8.45
zinc	17.4	20.9	18.28
percent solids	63.5	59.8	6.00

ATTACHMENT A
Required Target Compound Lists

TAL METALS PLUS TIN			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (mg/kg)	Industrial Soil Action Level (mg/kg)
Aluminum	1500	2663.78	78000
Antimony	4300	12	370
Arsenic	50	7.24	12
Barium	10000	40	130000
Beryllium	✓ 0.28	0.1	1400
Cadmium	9.3	0.676	1700
Calcium	✓ 0	0	0
Chromium	50	52.3	470
Cobalt	35000	0.48	42000
Copper	3.7	18.7	89000
Iron	300	2398	23000
Lead	8.5	34.18	1400
Magnesium	✓ 0	0	0
Manganese	0 ✓ 10	460	43000
Mercury	1.26	0.13	17
Nickel	8.3	15.9	35000
Potassium	0	0	0
Selenium	71	1.42	11000
Silver	2.3	0.733	8200
Sodium	160000	0	0
Thallium	7.3	150	150
Tin	✓ 0.01	1.98	880000
Vanadium	10000	10.44	10000
Zinc	86	124	630000

CTO 044

APPENDIX IX PESTICIDES			
Parameter	Surface Water Action Level (ug/L)	Sediment Action Level (ug/kg)	Industrial Soil Action Level (ug/kg)
4,4'-DDD	0.68	1.78	22000
4,4'-DDE	14	2.07	15000
4,4'-DDT	0.00059	1.76	15000
Aldrin	0.00014	300	300
alpha-BHC	0.34	1.05	600
beta-BHC	0.046	5	2400
delta-BHC	0.34	3	490000
Dieldrin	0.00014	0.02	300
Endosulfan I	0.0087	2.9	7600000
Endosulfan II	0.0087	14	7600000
Endosulfan sulfate	0.0087	7600000	7600000
Endrin	0.0023	3.3	510000
Endrin aldehyde	0.0023	510000	510000
gamma-BHC (lindane)	0.063	1.22	2500
Heptachlor	0.00021	4.9	1000
Heptachlor epoxide	0.0036	500	500
Methoxychlor	0.03	19 OL	8800000
Toxaphene	0.0002	28	4500

-9999 = not available

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 18, 2007**

FROM: **MATTHEW D. KRAUS** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION –TAL METALS & TIN**
NAS KEY WEST – CTO 044
SAMPLE DELIVERY GROUP (SDG) – KEY WEST 01

SAMPLES: 39/Solid/

S1FD11040602	S1-SD-01-00-1106	S1-SD-02-00-1106
S1-SD-03-00-1106	S1-SD-04-00-1106	S1-SD-05-00-1106
S1-SD-06-00-1106	S1-SD-07-00-1106	S1-SD-08-00-1106
S1-SD-09-00-1106	S2FD11050601	S2-SS-01-00-1106
S2-SS-02-00-1106	S2-SS-03-00-1106	S2-SS-04-00-1106
S2-SS-05-00-1106	S2-SS-06-00-1106	S2-SS-07-00-1106
S2-SS-08-00-1106	S2-SS-09-00-1106	S2-SS-10-00-1106
S2-SS-11-00-1106	S2-SS-12-00-1106	S2-SS-13-00-1106
S2-SS-14-00-1106	S2-SS-15-00-1106	S2-SS-16-00-1106
S2-SS-17-00-1106	S2-SS-18-00-1106	S2-SS-19-00-1106
S2-SS-20-00-1106	S2-SS-21-00-1106	S2-SS-22-00-1106
S5FD11060602	S5-SD-01-00-1106	S5-SD-02-00-1106
S5-SD-03-00-1106	S5-SD-04-00-1106	S5-SD-05-00-1106

Overview

The sample set for NAS Key West, CTO 044, SDG KEYWEST 01, consists of thirty-nine solid environmental samples. Three field duplicate pairs (S1FD11040602 / S1-SD-09-00-1106), (S2FD11050601 / S2-SS-13-00-1106), and (S5FD11060602 / S5-SD-02-00-1106) are included in this SDG.

All samples were analyzed for target analyst list (TAL) metals plus tin and percent solids. The samples were collected by Tetra Tech NUS on November 3-6, 2006 and analyzed by Empirical Laboratories. TAL metal analyses except mercury were conducted using method SW846 6010B. Mercury analyses were conducted using method SW846 7471A.

TAL metals and tin analyses were conducted using Inductively Coupled Plasma methodology. Mercury analyses were conducted using Cold Vapor Atomic Absorption methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Method/Preparation Blank Analyses
• Field Duplicate Precision
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Method/Preparation Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks for the soil matrix at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level (mg/kg)
Tin [1]	1.74 mg/kg	8.70
Thallium	3.20 ug/L	0.80

[1] Maximum concentration present in a laboratory method blank affecting all samples.

An action level of five times the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for the above analytes were qualified "U" as a result of laboratory blank contamination. Tin was qualified for blank contamination.

Field Duplicate Precision

Field duplicate imprecision (> 50% RPD when both samples results are > 5 X CRDL) was noted for lead in the field duplicate pair (S5FD11060602 / S5-SD-02-00-1106) affecting all "S5" samples. Positive lead results in samples S5FD11060602 , S5-SD-01-00-1106, S5-SD-02-00-1106, S5-SD-03-00-1106, S5-SD-04-00-1106, and S5-SD-05-00-1106 were qualified as estimated, "J".

Detection Limits

All positive and non-detected analyte results in samples S1FD11040602, S1-SD-04-00-1106, S1-SD-05-00-1106, S1-SD-06-00-1106, S1-SD-07-00-1106, S1-SD-08-00-1106, S1-SD-09-00-1106, S5FD11060602, S5-SD-01-00-1106, and S5-SD-02-00-1106 except for tin were qualified as estimated, "J" or "UJ", respectively, due to percent solids < 30%. Tin was qualified for blank contamination in all of the aforementioned samples.

Notes

Cadmium was reported at an elevated method detection limit (MDL) in sample S2-SS-01-00-1106 because of a negative instrument drift.

Selenium and thallium were reported at elevated MDLs in samples S2-SS-02-00-1106, S2-SS-04-00-1106, S2-SS-06-00-1106, S2-SS-09-00-1106, S2-SS-19-00-1106, and S2-SS-21-00-1106 because of a negative instrument drift.

Thallium was reported at an elevated MDL in many samples because of a negative instrument drift.

Executive Summary

Laboratory Performance: Tin was qualified due to blank contamination.

Other Factors Affecting Data Quality: Analytes in ten samples were qualified due to percent solids < 30%. Lead was qualified due to field duplicate imprecision.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Data Review", October 2004, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Chemist/Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S1FD11040602	nsample	S1-SD-01-00-1106	nsample	S1-SD-02-00-1106
samp_date	11/4/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611056-10	lab_id	0611056-01	lab_id	0611056-02
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	16.0	Pct_Solids	56.0	Pct_Solids	73.0
DUP_OF:	S1-SD-09-00-1106	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3330	J	Y
ANTIMONY	1.5	UJ	Y
ARSENIC	7	J	Y
BARIUM	9.5	J	Y
BERYLLIUM	0.13	J	Y
CADMIUM	0.93	J	Y
CALCIUM	143000	J	Y
CHROMIUM	12.5	J	Y
COBALT	1.5	UJ	Y
COPPER	74.3	J	Y
IRON	3250	J	Y
LEAD	53.1	J	Y
MAGNESIUM	15600	J	Y
MANGANESE	15	J	Y
MERCURY	0.34	J	Y
NICKEL	7.6	J	Y
POTASSIUM	3570	J	Y
SELENIUM	1.3	J	Y
SILVER	0.949	J	Y
SODIUM	65300	J	Y
THALLIUM	0.9	UJ	Y
TIN	13.2	U	A
VANADIUM	11.4	J	Y
ZINC	99.3	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	8740		
ANTIMONY	2.2		
ARSENIC	7.8		
BARIUM	21.9		
BERYLLIUM	0.162		
CADMIUM	5.8		
CALCIUM	313000		
CHROMIUM	31.2		
COBALT	1.9		
COPPER	99.7		
IRON	25900		
LEAD	144		
MAGNESIUM	28000		
MANGANESE	205		
MERCURY	0.16		
NICKEL	23.8		
POTASSIUM	1330		
SELENIUM	1.4	U	
SILVER	0.463		
SODIUM	14800		
THALLIUM	0.82	U	
TIN	11.6	U	A
VANADIUM	16.5		
ZINC	3350		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2170		
ANTIMONY	4.8		
ARSENIC	2.3		
BARIUM	36.9		
BERYLLIUM	0.059		
CADMIUM	2.1		
CALCIUM	291000		
CHROMIUM	11.6		
COBALT	1.4		
COPPER	63.8		
IRON	5740		
LEAD	141		
MAGNESIUM	24500		
MANGANESE	87.2		
MERCURY	0.17		
NICKEL	7.8		
POTASSIUM	721		
SELENIUM	0.4	U	
SILVER	0.914		
SODIUM	11900		
THALLIUM	0.34	U	
TIN	10	U	A
VANADIUM	5.1		
ZINC	182		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-03-00-1106
samp_date	11/3/2006
lab_id	0611056-03
qc_type	NM
units	MG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3190		
ANTIMONY	2.3		
ARSENIC	3.3		
BARIUM	24.5		
BERYLLIUM	0.072		
CADMIUM	3.5		
CALCIUM	360000		
CHROMIUM	41.2		
COBALT	0.72		
COPPER	83.7		
IRON	6680		
LEAD	641		
MAGNESIUM	9010		
MANGANESE	73.5		
MERCURY	0.5		
NICKEL	7.1		
POTASSIUM	997		
SELENIUM	0.38	U	
SILVER	2.1		
SODIUM	16600		
THALLIUM	0.63	U	
TIN	17.5	U	A
VANADIUM	9.9		
ZINC	207		

nsample	S1-SD-04-00-1106
samp_date	11/3/2006
lab_id	0611056-04
qc_type	NM
units	MG/KG
Pct_Solids	11.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3440	J	Y
ANTIMONY	2.2	UJ	Y
ARSENIC	5	J	Y
BARIUM	11.1	J	Y
BERYLLIUM	0.144	J	Y
CADMIUM	0.44	UJ	Y
CALCIUM	14900	J	Y
CHROMIUM	17.1	J	Y
COBALT	2.2	UJ	Y
COPPER	222	J	Y
IRON	1790	J	Y
LEAD	281	J	Y
MAGNESIUM	17400	J	Y
MANGANESE	6.6	J	Y
MERCURY	0.47	J	Y
NICKEL	13.2	J	Y
POTASSIUM	5370	J	Y
SELENIUM	1.7	J	Y
SILVER	0.518	J	Y
SODIUM	98800	J	Y
THALLIUM	1.3	UJ	Y
TIN	41.6	U	A
VANADIUM	28.1	J	Y
ZINC	73.7	J	Y

nsample	S1-SD-05-00-1106
samp_date	11/3/2006
lab_id	0611056-05
qc_type	NM
units	MG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3380	J	Y
ANTIMONY	3.5	J	Y
ARSENIC	9.4	J	Y
BARIUM	15.2	J	Y
BERYLLIUM	0.175	J	Y
CADMIUM	0.41	UJ	Y
CALCIUM	15000	J	Y
CHROMIUM	15.7	J	Y
COBALT	2.1	UJ	Y
COPPER	237	J	Y
IRON	3040	J	Y
LEAD	304	J	Y
MAGNESIUM	16700	J	Y
MANGANESE	5.7	J	Y
MERCURY	0.49	J	Y
NICKEL	10.2	J	Y
POTASSIUM	5330	J	Y
SELENIUM	2.6	J	Y
SILVER	0.626	J	Y
SODIUM	88700	J	Y
THALLIUM	1.2	UJ	Y
TIN	60.2	U	A
VANADIUM	43.6	J	Y
ZINC	66.2	J	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-06-00-1106
samp_date	11/4/2006
lab_id	0611056-06
qc_type	NM
units	MG/KG
Pct_Solids	11.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4120	J	Y
ANTIMONY	2.2	UJ	Y
ARSENIC	15.3	J	Y
BARIUM	12	J	Y
BERYLLIUM	0.219	J	Y
CADMIUM	0.56	J	Y
CALCIUM	19500	J	Y
CHROMIUM	13.7	J	Y
COBALT	2.2	UJ	Y
COPPER	107	J	Y
IRON	2750	J	Y
LEAD	89.7	J	Y
MAGNESIUM	16700	J	Y
MANGANESE	7	J	Y
MERCURY	0.43	J	Y
NICKEL	6.3	J	Y
POTASSIUM	5790	J	Y
SELENIUM	2.1	J	Y
SILVER	1.1	J	Y
SODIUM	97500	J	Y
THALLIUM	1.3	UJ	Y
TIN	20.7	U	A
VANADIUM	51.7	J	Y
ZINC	67.8	J	Y

nsample	S1-SD-07-00-1106
samp_date	11/4/2006
lab_id	0611056-07
qc_type	NM
units	MG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	914	J	Y
ANTIMONY	2.1	J	Y
ARSENIC	7.9	J	Y
BARIUM	5.2	J	Y
BERYLLIUM	0.1	UJ	Y
CADMIUM	0.4	UJ	Y
CALCIUM	16300	J	Y
CHROMIUM	4.1	J	Y
COBALT	2	UJ	Y
COPPER	42.4	J	Y
IRON	703	J	Y
LEAD	17.3	J	Y
MAGNESIUM	17900	J	Y
MANGANESE	3	J	Y
MERCURY	0.17	J	Y
NICKEL	3.3	J	Y
POTASSIUM	6070	J	Y
SELENIUM	1.8	J	Y
SILVER	0.4	UJ	Y
SODIUM	93100	J	Y
THALLIUM	2	UJ	Y
TIN	15.1	U	A
VANADIUM	41.7	J	Y
ZINC	21.9	J	Y

nsample	S1-SD-08-00-1106
samp_date	11/4/2006
lab_id	0611056-08
qc_type	NM
units	MG/KG
Pct_Solids	18.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4040	J	Y
ANTIMONY	1.3	UJ	Y
ARSENIC	3.6	J	Y
BARIUM	10.6	J	Y
BERYLLIUM	0.15	J	Y
CADMIUM	1.5	J	Y
CALCIUM	232000	J	Y
CHROMIUM	15	J	Y
COBALT	1.3	UJ	Y
COPPER	11.9	J	Y
IRON	1640	J	Y
LEAD	16.5	J	Y
MAGNESIUM	11600	J	Y
MANGANESE	10.9	J	Y
MERCURY	0.08	J	Y
NICKEL	4.1	J	Y
POTASSIUM	3210	J	Y
SELENIUM	1.2	J	Y
SILVER	0.465	J	Y
SODIUM	60100	J	Y
THALLIUM	0.79	UJ	Y
TIN	9.6	U	A
VANADIUM	23.2	J	Y
ZINC	22	J	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-09-00-1106
samp_date	11/4/2006
lab_id	0611056-09
qc_type	NM
units	MG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3850	J	Y
ANTIMONY	1.5	UJ	Y
ARSENIC	7.5	J	Y
BARIUM	11.3	J	Y
BERYLLIUM	0.15	J	Y
CADMIUM	0.95	J	Y
CALCIUM	156000	J	Y
CHROMIUM	14.2	J	Y
COBALT	1.5	UJ	Y
COPPER	82.7	J	Y
IRON	3390	J	Y
LEAD	57.6	J	Y
MAGNESIUM	16400	J	Y
MANGANESE	16.9	J	Y
MERCURY	0.32	J	Y
NICKEL	8.6	J	Y
POTASSIUM	3760	J	Y
SELENIUM	0.9	UJ	Y
SILVER	0.978	J	Y
SODIUM	64300	J	Y
THALLIUM	1.8	UJ	Y
TIN	14	U	A
VANADIUM	12.8	J	Y
ZINC	105	J	Y

nsample	S2FD11050601
samp_date	11/5/2006
lab_id	0611056-33
qc_type	NM
units	MG/KG
Pct_Solids	72.0
DUP_OF:	S2-SS-13-00-1106

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1960		
ANTIMONY	0.35	U	
ARSENIC	1.5		
BARIUM	33.8		
BERYLLIUM	0.054		
CADMIUM	0.15		
CALCIUM	339000		
CHROMIUM	5.5		
COBALT	0.37		
COPPER	8.5		
IRON	1200		
LEAD	20.1		
MAGNESIUM	16700		
MANGANESE	37		
MERCURY	0.019	U	
NICKEL	1.5		
POTASSIUM	458		
SELENIUM	0.21	U	
SILVER	0.07	U	
SODIUM	7580		
THALLIUM	0.49	U	
TIN	2.4	U	A
VANADIUM	5.3		
ZINC	21.6		

nsample	S2-SS-01-00-1106
samp_date	11/4/2006
lab_id	0611056-11
qc_type	NM
units	MG/KG
Pct_Solids	67.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	869		
ANTIMONY	9.1	U	
ARSENIC	39.4		
BARIUM	18.1		
BERYLLIUM	0.029		
CADMIUM	3.6	U	
CALCIUM	147000		
CHROMIUM	34.2		
COBALT	38.2		
COPPER	86.3		
IRON	247000		
LEAD	23.7		
MAGNESIUM	4450		
MANGANESE	1680		
MERCURY	0.018	U	
NICKEL	127		
POTASSIUM	264		
SELENIUM	5.5	U	
SILVER	1.8	U	
SODIUM	3710		
THALLIUM	5.5	U	
TIN	11.7	U	A
VANADIUM	9.1	U	
ZINC	64.9		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-02-00-1106
samp_date	11/4/2006
lab_id	0611056-12
qc_type	NM
units	MG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	589		
ANTIMONY	0.3	U	
ARSENIC	1.2		
BARIUM	7.8		
BERYLLIUM	0.019		
CADMIUM	0.4		
CALCIUM	358000		
CHROMIUM	5.4		
COBALT	0.32		
COPPER	6.3		
IRON	2360		
LEAD	24.8		
MAGNESIUM	6460		
MANGANESE	30.7		
MERCURY	0.016	U	
NICKEL	3.4		
POTASSIUM	331		
SELENIUM	0.24	U	
SILVER	0.059	U	
SODIUM	6480		
THALLIUM	0.41	U	
TIN	2.4	U	A
VANADIUM	4.2		
ZINC	23		

nsample	S2-SS-03-00-1106
samp_date	11/4/2006
lab_id	0611056-13
qc_type	NM
units	MG/KG
Pct_Solids	66.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2120		
ANTIMONY	0.38	U	
ARSENIC	1.2		
BARIUM	10.4		
BERYLLIUM	0.073		
CADMIUM	0.95		
CALCIUM	318000		
CHROMIUM	10.6		
COBALT	0.38	U	
COPPER	15.8		
IRON	1740		
LEAD	85.4		
MAGNESIUM	5560		
MANGANESE	21		
MERCURY	0.058		
NICKEL	3.3		
POTASSIUM	420		
SELENIUM	0.38		
SILVER	0.089		
SODIUM	1340		
THALLIUM	0.3	U	
TIN	2.8	U	A
VANADIUM	7.2		
ZINC	53.7		

nsample	S2-SS-04-00-1106
samp_date	11/4/2006
lab_id	0611056-14
qc_type	NM
units	MG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1060		
ANTIMONY	1.5		
ARSENIC	1.6		
BARIUM	12.6		
BERYLLIUM	0.018		
CADMIUM	3.6		
CALCIUM	364000		
CHROMIUM	12.5		
COBALT	0.67		
COPPER	51.1		
IRON	3200		
LEAD	84.1		
MAGNESIUM	10600		
MANGANESE	95.3		
MERCURY	0.016	U	
NICKEL	39.5		
POTASSIUM	406		
SELENIUM	0.36	U	
SILVER	0.54		
SODIUM	8570		
THALLIUM	0.54	U	
TIN	4.3	U	A
VANADIUM	3.9		
ZINC	66.8		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-05-00-1106
samp_date	11/4/2006
lab_id	0611056-15
qc_type	NM
units	MG/KG
Pct_Solids	65.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	575		
ANTIMONY	0.36	U	
ARSENIC	1.9		
BARIUM	10.8		
BERYLLIUM	0.019		
CADMIUM	0.85		
CALCIUM	355000		
CHROMIUM	7.8		
COBALT	0.36	U	
COPPER	13.8		
IRON	2210		
LEAD	78.1		
MAGNESIUM	6050		
MANGANESE	25.5		
MERCURY	0.02		
NICKEL	5.4		
POTASSIUM	219		
SELENIUM	0.22	U	
SILVER	0.073	U	
SODIUM	2050		
THALLIUM	0.44	U	
TIN	2.4	U	A
VANADIUM	3.8		
ZINC	62.1		

nsample	S2-SS-06-00-1106
samp_date	11/5/2006
lab_id	0611056-16
qc_type	NM
units	MG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	486		
ANTIMONY	0.3	U	
ARSENIC	1.4		
BARIUM	9.6		
BERYLLIUM	0.015	U	
CADMIUM	0.29		
CALCIUM	369000		
CHROMIUM	4.3		
COBALT	0.3	U	
COPPER	4.8		
IRON	1030		
LEAD	52		
MAGNESIUM	7260		
MANGANESE	14.6		
MERCURY	0.016	U	
NICKEL	1.7		
POTASSIUM	469		
SELENIUM	0.24	U	
SILVER	0.06	U	
SODIUM	11100		
THALLIUM	0.48	U	
TIN	2.1	U	A
VANADIUM	3.5		
ZINC	22.6		

nsample	S2-SS-07-00-1106
samp_date	11/5/2006
lab_id	0611056-17
qc_type	NM
units	MG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1190		
ANTIMONY	0.66	U	
ARSENIC	1.1		
BARIUM	185		
BERYLLIUM	0.066		
CADMIUM	0.4		
CALCIUM	417000		
CHROMIUM	8.9		
COBALT	0.66	U	
COPPER	19.5		
IRON	1770		
LEAD	37.6		
MAGNESIUM	4730		
MANGANESE	16.6		
MERCURY	0.037	U	
NICKEL	2.2		
POTASSIUM	758		
SELENIUM	0.4	U	
SILVER	0.13	U	
SODIUM	8510		
THALLIUM	0.78	U	
TIN	4.5	U	A
VANADIUM	8		
ZINC	52.7		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-08-00-1106
samp_date	11/5/2006
lab_id	0611056-18
qc_type	NM
units	MG/KG
Pct_Solids	55.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2130		
ANTIMONY	0.45	U	
ARSENIC	0.93		
BARIUM	2240		
BERYLLIUM	0.413		
CADMIUM	0.7		
CALCIUM	282000		
CHROMIUM	34.7		
COBALT	2.3	U	
COPPER	43.4		
IRON	2460		
LEAD	158		
MAGNESIUM	4100		
MANGANESE	19.3		
MERCURY	0.027		
NICKEL	3.5		
POTASSIUM	220		
SELENIUM	0.27	U	
SILVER	0.111		
SODIUM	957		
THALLIUM	0.27	U	
TIN	2.9	U	A
VANADIUM	6.5		
ZINC	348		

nsample	S2-SS-09-00-1106
samp_date	11/5/2006
lab_id	0611056-19
qc_type	NM
units	MG/KG
Pct_Solids	58.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3790		
ANTIMONY	0.41	U	
ARSENIC	1.2		
BARIUM	911		
BERYLLIUM	0.494		
CADMIUM	0.57		
CALCIUM	387000		
CHROMIUM	43.3		
COBALT	2.1	U	
COPPER	32.6		
IRON	2900		
LEAD	213		
MAGNESIUM	5930		
MANGANESE	24.5		
MERCURY	0.025		
NICKEL	3.5		
POTASSIUM	584		
SELENIUM	0.33	U	
SILVER	0.294		
SODIUM	6600		
THALLIUM	0.58	U	
TIN	2.9	U	A
VANADIUM	9.2		
ZINC	103		

nsample	S2-SS-10-00-1106
samp_date	11/5/2006
lab_id	0611056-20
qc_type	NM
units	MG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	546		
ANTIMONY	0.3	U	
ARSENIC	0.63		
BARIUM	68.2		
BERYLLIUM	0.026		
CADMIUM	0.32		
CALCIUM	379000		
CHROMIUM	8.9		
COBALT	0.3		
COPPER	8.3		
IRON	721		
LEAD	45.8		
MAGNESIUM	5040		
MANGANESE	11.8		
MERCURY	0.015	U	
NICKEL	1.4		
POTASSIUM	328		
SELENIUM	0.18	U	
SILVER	0.059	U	
SODIUM	6500		
THALLIUM	0.3	U	
TIN	2.2	U	A
VANADIUM	4.1		
ZINC	28.1		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-11-00-1106
samp_date	11/5/2006
lab_id	0611056-21
qc_type	NM
units	MG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	755		
ANTIMONY	0.3	U	
ARSENIC	0.62		
BARIUM	17.9		
BERYLLIUM	0.028		
CADMIUM	0.28		
CALCIUM	381000		
CHROMIUM	8.6		
COBALT	0.48		
COPPER	8.8		
IRON	1260		
LEAD	44.7		
MAGNESIUM	4780		
MANGANESE	19.3		
MERCURY	0.015	U	
NICKEL	1.7		
POTASSIUM	232		
SELENIUM	0.18	U	
SILVER	0.059	U	
SODIUM	3640		
THALLIUM	0.3	U	
TIN	2.1	U	A
VANADIUM	5.7		
ZINC	25.7		

nsample	S2-SS-12-00-1106
samp_date	11/5/2006
lab_id	0611056-22
qc_type	NM
units	MG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	627		
ANTIMONY	0.28	U	
ARSENIC	0.82		
BARIUM	302		
BERYLLIUM	0.059		
CADMIUM	0.29		
CALCIUM	388000		
CHROMIUM	6.3		
COBALT	0.58		
COPPER	11.6		
IRON	1670		
LEAD	42.1		
MAGNESIUM	4570		
MANGANESE	21		
MERCURY	0.015	U	
NICKEL	1.6		
POTASSIUM	261		
SELENIUM	0.17	U	
SILVER	0.057	U	
SODIUM	4670		
THALLIUM	0.4	U	
TIN	2	U	A
VANADIUM	7.8		
ZINC	30.6		

nsample	S2-SS-13-00-1106
samp_date	11/5/2006
lab_id	0611056-23
qc_type	NM
units	MG/KG
Pct_Solids	71.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1820		
ANTIMONY	0.34	U	
ARSENIC	1.6		
BARIUM	19.7		
BERYLLIUM	0.049		
CADMIUM	0.17		
CALCIUM	375000		
CHROMIUM	5.6		
COBALT	0.39		
COPPER	8.3		
IRON	1210		
LEAD	21.7		
MAGNESIUM	18200		
MANGANESE	41.1		
MERCURY	0.016	U	
NICKEL	1.9		
POTASSIUM	468		
SELENIUM	0.2	U	
SILVER	0.067	U	
SODIUM	8220		
THALLIUM	0.2	U	
TIN	2.7	U	A
VANADIUM	5.9		
ZINC	23.9		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-14-00-1106
samp_date	11/5/2006
lab_id	0611056-24
qc_type	NM
units	MG/KG
Pct_Solids	64.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1350		
ANTIMONY	0.39	U	
ARSENIC	0.69		
BARIUM	123		
BERYLLIUM	0.053		
CADMIUM	0.41		
CALCIUM	339000		
CHROMIUM	4.5		
COBALT	0.73		
COPPER	18.7		
IRON	1410		
LEAD	29.6		
MAGNESIUM	3810		
MANGANESE	23.5		
MERCURY	0.021	U	
NICKEL	3.1		
POTASSIUM	390		
SELENIUM	0.23	U	
SILVER	0.078	U	
SODIUM	3900		
THALLIUM	0.55	U	
TIN	2.7	U	A
VANADIUM	6.4		
ZINC	55.8		

nsample	S2-SS-15-00-1106
samp_date	11/5/2006
lab_id	0611056-25
qc_type	NM
units	MG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	562		
ANTIMONY	0.27	U	
ARSENIC	0.37		
BARIUM	25.1		
BERYLLIUM	0.023		
CADMIUM	0.13		
CALCIUM	326000		
CHROMIUM	1.8		
COBALT	0.38		
COPPER	5.6		
IRON	768		
LEAD	6.8		
MAGNESIUM	2400		
MANGANESE	11.4		
MERCURY	0.015	U	
NICKEL	0.99		
POTASSIUM	82		
SELENIUM	0.16	U	
SILVER	0.055	U	
SODIUM	1690		
THALLIUM	0.22	U	
TIN	1.7	U	A
VANADIUM	3.9		
ZINC	13		

nsample	S2-SS-16-00-1106
samp_date	11/5/2006
lab_id	0611056-26
qc_type	NM
units	MG/KG
Pct_Solids	75.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1970		
ANTIMONY	0.34	U	
ARSENIC	1.1		
BARIUM	14.8		
BERYLLIUM	0.049		
CADMIUM	0.23		
CALCIUM	376000		
CHROMIUM	5.3		
COBALT	0.37		
COPPER	8		
IRON	1090		
LEAD	22.7		
MAGNESIUM	5450		
MANGANESE	16.6		
MERCURY	0.015	U	
NICKEL	1.8		
POTASSIUM	397		
SELENIUM	0.2	U	
SILVER	0.067	U	
SODIUM	5310		
THALLIUM	0.47	U	
TIN	2.2	U	A
VANADIUM	5.7		
ZINC	18.1		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-17-00-1106
samp_date	11/5/2006
lab_id	0611056-27
qc_type	NM
units	MG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	830		
ANTIMONY	0.31	U	
ARSENIC	0.78		
BARIUM	45.5		
BERYLLIUM	0.027		
CADMIUM	0.25		
CALCIUM	342000		
CHROMIUM	3		
COBALT	0.35		
COPPER	5.2		
IRON	739		
LEAD	18.3		
MAGNESIUM	14400		
MANGANESE	18.5		
MERCURY	0.017	U	
NICKEL	1.5		
POTASSIUM	282		
SELENIUM	0.19	U	
SILVER	0.062	U	
SODIUM	5340		
THALLIUM	0.25	U	
TIN	2.1	U	A
VANADIUM	3.4		
ZINC	18		

nsample	S2-SS-18-00-1106
samp_date	11/5/2006
lab_id	0611056-28
qc_type	NM
units	MG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2440		
ANTIMONY	0.33	U	
ARSENIC	1.1		
BARIUM	12.7		
BERYLLIUM	0.118		
CADMIUM	0.25		
CALCIUM	329000		
CHROMIUM	5.7		
COBALT	0.39		
COPPER	15		
IRON	1550		
LEAD	24.3		
MAGNESIUM	6670		
MANGANESE	27.5		
MERCURY	0.017	U	
NICKEL	2.1		
POTASSIUM	506		
SELENIUM	0.2	U	
SILVER	0.065	U	
SODIUM	6450		
THALLIUM	0.46	U	
TIN	2.3	U	A
VANADIUM	5.6		
ZINC	39.7		

nsample	S2-SS-19-00-1106
samp_date	11/5/2006
lab_id	0611056-29
qc_type	NM
units	MG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	464		
ANTIMONY	0.27	U	
ARSENIC	0.8		
BARIUM	57.1		
BERYLLIUM	0.019		
CADMIUM	0.16		
CALCIUM	387000		
CHROMIUM	2.4		
COBALT	0.27	U	
COPPER	6.1		
IRON	599		
LEAD	13.9		
MAGNESIUM	2640		
MANGANESE	8.8		
MERCURY	0.015	U	
NICKEL	1.2		
POTASSIUM	89		
SELENIUM	0.22	U	
SILVER	0.054	U	
SODIUM	1760		
THALLIUM	0.49	U	
TIN	1.8	U	A
VANADIUM	4.4		
ZINC	13.9		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SS-20-00-1106
samp_date	11/5/2006
lab_id	0611056-30
qc_type	NM
units	MG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1060		
ANTIMONY	0.29	.U	
ARSENIC	1.1		
BARIUM	132		
BERYLLIUM	0.048		
CADMIUM	0.62		
CALCIUM	401000		
CHROMIUM	3.5		
COBALT	0.69		
COPPER	13.8		
IRON	1640		
LEAD	20		
MAGNESIUM	6240		
MANGANESE	22.1		
MERCURY	0.015	U	
NICKEL	2.5		
POTASSIUM	165		
SELENIUM	0.17	U	
SILVER	0.057	U	
SODIUM	3090		
THALLIUM	0.46	U	
TIN	2	U	A
VANADIUM	8.9		
ZINC	37.1		

nsample	S2-SS-21-00-1106
samp_date	11/5/2006
lab_id	0611056-31
qc_type	NM
units	MG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1160		
ANTIMONY	0.42		
ARSENIC	1.2		
BARIUM	13		
BERYLLIUM	0.034		
CADMIUM	0.43		
CALCIUM	295000		
CHROMIUM	4.6		
COBALT	0.28		
COPPER	19.8		
IRON	1440		
LEAD	19.7		
MAGNESIUM	9100		
MANGANESE	23.6		
MERCURY	0.015	U	
NICKEL	2.2		
POTASSIUM	247		
SELENIUM	0.27	U	
SILVER	0.133		
SODIUM	4810		
THALLIUM	0.27	U	
TIN	2.6	U	A
VANADIUM	6.3		
ZINC	33.7		

nsample	S2-SS-22-00-1106
samp_date	11/5/2006
lab_id	0611056-32
qc_type	NM
units	MG/KG
Pct_Solids	66.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	5130		
ANTIMONY	0.49		
ARSENIC	2.7		
BARIUM	19.7		
BERYLLIUM	0.136		
CADMIUM	0.42		
CALCIUM	357000		
CHROMIUM	10		
COBALT	0.57		
COPPER	12.5		
IRON	3070		
LEAD	27.1		
MAGNESIUM	10000		
MANGANESE	46.9		
MERCURY	0.042		
NICKEL	3		
POTASSIUM	708		
SELENIUM	0.28		
SILVER	0.075	U	
SODIUM	2940		
THALLIUM	0.3	U	
TIN	3.3	U	A
VANADIUM	7.1		
ZINC	30.3		

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S5FD11060602
samp_date	11/6/2006
lab_id	0611056-39
qc_type	NM
units	MG/KG
Pct_Solids	16.0
DUP_OF:	S5-SD-02-00-1106

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1450	J	Y
ANTIMONY	1.6	UJ	Y
ARSENIC	5.4	J	Y
BARIUM	13.1	J	Y
BERYLLIUM	0.078	J	Y
CADMIUM	1.3	J	Y
CALCIUM	237000	J	Y
CHROMIUM	12.7	J	Y
COBALT	1.6	UJ	Y
COPPER	7.1	J	Y
IRON	970	J	Y
LEAD	18.2	J	GY
MAGNESIUM	14800	J	Y
MANGANESE	12.6	J	Y
MERCURY	0.076	UJ	Y
NICKEL	2.3	J	Y
POTASSIUM	2600	J	Y
SELENIUM	0.93	UJ	Y
SILVER	0.314	J	Y
SODIUM	55000	J	Y
THALLIUM	0.93	UJ	Y
TIN	10.2	U	A
VANADIUM	6.2	J	Y
ZINC	58.7	J	Y

nsample	S5-SD-01-00-1106
samp_date	11/6/2006
lab_id	0611056-34
qc_type	NM
units	MG/KG
Pct_Solids	17.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3090	J	Y
ANTIMONY	1.5	UJ	Y
ARSENIC	5.3	J	Y
BARIUM	14.3	J	Y
BERYLLIUM	0.167	J	Y
CADMIUM	6.7	J	Y
CALCIUM	315000	J	Y
CHROMIUM	46.4	J	Y
COBALT	1.5	UJ	Y
COPPER	22.4	J	Y
IRON	2510	J	Y
LEAD	60.8	J	GY
MAGNESIUM	14700	J	Y
MANGANESE	18.1	J	Y
MERCURY	0.11	J	Y
NICKEL	5.9	J	Y
POTASSIUM	2600	J	Y
SELENIUM	0.88	UJ	Y
SILVER	0.665	J	Y
SODIUM	50900	J	Y
THALLIUM	1.2	UJ	Y
TIN	9.8	U	A
VANADIUM	10.5	J	Y
ZINC	226	J	Y

nsample	S5-SD-02-00-1106
samp_date	11/6/2006
lab_id	0611056-35
qc_type	NM
units	MG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2110	J	Y
ANTIMONY	1.5	UJ	Y
ARSENIC	7.7	J	Y
BARIUM	17.7	J	Y
BERYLLIUM	0.097	J	Y
CADMIUM	1.9	J	Y
CALCIUM	302000	J	Y
CHROMIUM	19.5	J	Y
COBALT	1.5	UJ	Y
COPPER	10.3	J	Y
IRON	1310	J	Y
LEAD	32.5	J	GY
MAGNESIUM	18000	J	Y
MANGANESE	16.7	J	Y
MERCURY	0.076	UJ	Y
NICKEL	3.2	J	Y
POTASSIUM	2890	J	Y
SELENIUM	0.87	UJ	Y
SILVER	0.29	UJ	Y
SODIUM	55000	J	Y
THALLIUM	1.2	UJ	Y
TIN	10.5	U	A
VANADIUM	8.5	J	Y
ZINC	75.9	J	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: M

nsample	S5-SD-03-00-1106
samp_date	11/6/2006
lab_id	0611056-36
qc_type	NM
units	MG/KG
Pct_Solids	33.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1760		
ANTIMONY	0.73	U	
ARSENIC	2.4		
BARIUM	6.8		
BERYLLIUM	0.059		
CADMIUM	0.3		
CALCIUM	189000		
CHROMIUM	5.6		
COBALT	0.73	U	
COPPER	4.3		
IRON	896		
LEAD	8	J	G
MAGNESIUM	13800		
MANGANESE	12		
MERCURY	0.036	U	
NICKEL	1.7		
POTASSIUM	1360		
SELENIUM	0.44	U	
SILVER	0.15	U	
SODIUM	27000		
THALLIUM	0.6	U	
TIN	4.9	U	A
VANADIUM	10		
ZINC	10.4		

nsample	S5-SD-04-00-1106
samp_date	11/6/2006
lab_id	0611056-37
qc_type	NM
units	MG/KG
Pct_Solids	44.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1030		
ANTIMONY	0.55	U	
ARSENIC	1.8		
BARIUM	6.1		
BERYLLIUM	0.036		
CADMIUM	0.2		
CALCIUM	215000		
CHROMIUM	3.9		
COBALT	0.55	U	
COPPER	2.5		
IRON	543		
LEAD	6.2	J	G
MAGNESIUM	11900		
MANGANESE	9.5		
MERCURY	0.026	U	
NICKEL	0.98		
POTASSIUM	985		
SELENIUM	0.33	U	
SILVER	0.11	U	
SODIUM	19200		
THALLIUM	0.33	U	
TIN	3.5	U	A
VANADIUM	4.1		
ZINC	7		

nsample	S5-SD-05-00-1106
samp_date	11/6/2006
lab_id	0611056-38
qc_type	NM
units	MG/KG
Pct_Solids	48.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	500		
ANTIMONY	0.5	U	
ARSENIC	1.4		
BARIUM	4.8		
BERYLLIUM	0.025	U	
CADMIUM	0.13		
CALCIUM	291000		
CHROMIUM	2.1		
COBALT	0.5	U	
COPPER	1.7		
IRON	319		
LEAD	4.5	J	G
MAGNESIUM	8970		
MANGANESE	6.5		
MERCURY	0.027	U	
NICKEL	0.53		
POTASSIUM	745		
SELENIUM	0.3	U	
SILVER	0.1	U	
SODIUM	16200		
THALLIUM	0.3	U	
TIN	3.4	U	A
VANADIUM	3.4		
ZINC	4.7		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1FD11040602

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-10

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.30	3.0	0.949	I		P
7429-90-5	Aluminum	15.0	59.8	3330			P
7440-38-2	Arsenic	0.90	3.0	7.0			P
7440-39-3	Barium	1.5	59.8	9.5	I	J3	P
7440-41-7	Beryllium	0.075	1.5	0.130	I		P
7440-43-9	Cadmium	0.30	1.5	0.93	I		P
7440-48-4	Cobalt	1.5	15.0		U		P
7440-47-3	Chromium	0.60	3.0	12.5			P
7440-50-8	Copper	0.90	7.5	74.3		J3	P
7439-89-6	Iron	9.0	29.9	3250			P
7440-09-7	Potassium	299	1500	3570		J3	P
7439-95-4	Magnesium	299	1500	15600			P
7439-96-5	Manganese	0.90	4.5	15.0			P
7440-02-0	Nickel	1.5	12.0	7.6	I		P
7439-92-1	Lead	0.45	0.90	53.1			P
7440-36-0	Antimony	1.5	17.9		U		P
7782-49-2	Selenium	0.90	1.5	1.3	I		P
7440-31-5	Tin	3.0	29.9	13.2	I		P
7440-28-0	Thallium	0.90	3.0		U		P
7440-62-2	Vanadium	1.5	15.0	11.4	I		P
7440-66-6	Zinc	1.5	6.0	99.3			P
7440-70-2	Calcium	1500	7480	143000			P
7440-23-5	Sodium	1500	7480	65300			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1FD11040602

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-10

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.083	0.21	0.34			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-01

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 55.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.091	0.91	0.463	I		P
7429-90-5	Aluminum	4.5	18.2	8740			P
7440-38-2	Arsenic	0.27	0.91	7.8			P
7440-39-3	Barium	0.45	18.2	21.9		J3	P
7440-41-7	Beryllium	0.023	0.46	0.162	I		P
7440-43-9	Cadmium	0.091	0.46	5.8			P
7440-48-4	Cobalt	0.45	4.5	1.9	I		P
7440-47-3	Chromium	0.18	0.91	31.2			P
7440-50-8	Copper	0.27	2.3	99.7		J3	P
7439-89-6	Iron	2.7	9.1	25900			P
7440-09-7	Potassium	90.9	455	1330		J3	P
7439-95-4	Magnesium	90.9	455	28000			P
7439-96-5	Manganese	0.27	1.4	205			P
7440-02-0	Nickel	0.45	3.6	23.8			P
7439-92-1	Lead	0.14	0.27	144			P
7440-36-0	Antimony	0.45	5.5	2.2	I		P
7440-31-5	Tin	0.91	9.1	11.6			P
7440-28-0	Thallium	0.82	0.91		U		P
7440-62-2	Vanadium	0.45	4.5	16.5			P
7440-70-2	Calcium	4550	22700	313000			P
7440-23-5	Sodium	455	2270	14800			P
7782-49-2	Selenium	1.4	2.3		U		P
7440-66-6	Zinc	2.3	9.1	3350			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. sme 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-01

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 55.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.024	0.061	0.16			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-02

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 73.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.067	0.67	0.914			P
7429-90-5	Aluminum	3.4	13.5	2170			P
7440-38-2	Arsenic	0.20	0.67	2.3			P
7440-39-3	Barium	0.34	13.5	36.9		J3	P
7440-41-7	Beryllium	0.017	0.34	0.059	I		P
7440-43-9	Cadmium	0.067	0.34	2.1			P
7440-48-4	Cobalt	0.34	3.4	1.4	I		P
7440-47-3	Chromium	0.13	0.67	11.6			P
7440-50-8	Copper	0.20	1.7	63.8		J3	P
7439-89-6	Iron	2.0	6.7	5740			P
7440-09-7	Potassium	67.5	337	721		J3	P
7439-95-4	Magnesium	67.5	337	24500			P
7439-96-5	Manganese	0.20	1.0	87.2			P
7440-02-0	Nickel	0.34	2.7	7.8			P
7439-92-1	Lead	0.10	0.20	141			P
7440-36-0	Antimony	0.34	4.0	4.8			P
7440-31-5	Tin	0.67	6.7	10.0			P
7440-28-0	Thallium	0.34	0.67		U		P
7440-62-2	Vanadium	0.34	3.4	5.1			P
7440-66-6	Zinc	0.34	1.3	182			P
7440-70-2	Calcium	3370	16900	291000			P
7440-23-5	Sodium	135	675	11900			P
7782-49-2	Selenium	0.40	0.67		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMO 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-02

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 73.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.038	0.17			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-03

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 39.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.12	1.3	2.1			P
7429-90-5	Aluminum	6.3	25.0	3190			P
7440-38-2	Arsenic	0.38	1.3	3.3			P
7440-39-3	Barium	0.63	25.0	24.5	I	J3	P
7440-41-7	Beryllium	0.031	0.62	0.072	I		P
7440-43-9	Cadmium	0.12	0.62	3.5			P
7440-48-4	Cobalt	0.63	6.3	0.72	I		P
7440-47-3	Chromium	0.25	1.3	41.2			P
7440-50-8	Copper	0.38	3.1	83.7		J3	P
7439-89-6	Iron	3.8	12.5	6680			P
7440-09-7	Potassium	125	625	997		J3	P
7439-95-4	Magnesium	125	625	9010			P
7439-96-5	Manganese	0.38	1.9	73.5			P
7440-02-0	Nickel	0.63	5.0	7.1			P
7439-92-1	Lead	0.19	0.38	641			P
7440-36-0	Antimony	0.63	7.5	2.3	I		P
7782-49-2	Selenium	0.38	0.63		U		P
7440-31-5	Tin	1.3	12.5	17.5			P
7440-28-0	Thallium	0.63	1.3		U		P
7440-62-2	Vanadium	0.63	6.3	9.9			P
7440-66-6	Zinc	0.63	2.5	207			P
7440-70-2	Calcium	6250	31300	360000			P
7440-23-5	Sodium	250	1250	16600			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMC 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-03

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 39.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.034	0.086	0.50			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-04

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 11.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.44	4.4	0.518	I		P
7429-90-5	Aluminum	21.9	87.4	3440			P
7440-38-2	Arsenic	1.3	4.4	5.0			P
7440-39-3	Barium	2.2	87.4	11.1	I	J3	P
7440-41-7	Beryllium	0.11	2.2	0.144	I		P
7440-70-2	Calcium	437	2190	14900			P
7440-43-9	Cadmium	0.44	2.2		U		P
7440-48-4	Cobalt	2.2	21.9		U		P
7440-47-3	Chromium	0.87	4.4	17.1			P
7440-50-8	Copper	1.3	10.9	222		J3	P
7439-89-6	Iron	13.1	43.7	1790			P
7440-09-7	Potassium	437	2190	5370		J3	P
7439-95-4	Magnesium	437	2190	17400			P
7439-96-5	Manganese	1.3	6.6	6.6			P
7440-02-0	Nickel	2.2	17.5	13.2	I		P
7439-92-1	Lead	0.66	1.3	281			P
7440-36-0	Antimony	2.2	26.2		U		P
7782-49-2	Selenium	1.3	2.2	1.7	I		P
7440-31-5	Tin	4.4	43.7	41.6	I		P
7440-28-0	Thallium	1.3	4.4		U		P
7440-62-2	Vanadium	2.2	21.9	28.1			P
7440-66-6	Zinc	2.2	8.7	73.7			P
7440-23-5	Sodium	2190	10900	98800			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-04

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 11.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.11	0.27	0.47			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-05

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 12.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.41	4.1	0.626	I		P
7429-90-5	Aluminum	20.5	82.1	3380			P
7440-38-2	Arsenic	1.2	4.1	9.4			P
7440-39-3	Barium	2.1	82.1	15.2	I	J3	P
7440-41-7	Beryllium	0.10	2.1	0.175	I		P
7440-70-2	Calcium	411	2050	15000			P
7440-43-9	Cadmium	0.41	2.1		U		P
7440-48-4	Cobalt	2.1	20.5		U		P
7440-47-3	Chromium	0.82	4.1	15.7			P
7440-50-8	Copper	1.2	10.3	237		J3	P
7439-89-6	Iron	12.3	41.1	3040			P
7440-09-7	Potassium	411	2050	5330		J3	P
7439-95-4	Magnesium	411	2050	16700			P
7439-96-5	Manganese	1.2	6.2	5.7	I		P
7440-02-0	Nickel	2.1	16.4	10.2	I		P
7439-92-1	Lead	0.62	1.2	304			P
7440-36-0	Antimony	2.1	24.6	3.5	I		P
7782-49-2	Selenium	1.2	2.1	2.6			P
7440-31-5	Tin	4.1	41.1	60.2			P
7440-28-0	Thallium	1.2	4.1		U		P
7440-62-2	Vanadium	2.1	20.5	43.6			P
7440-66-6	Zinc	2.1	8.2	66.2			P
7440-23-5	Sodium	2050	10300	88700			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S1-SD-05-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-05

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 12.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.11	0.28	0.49			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-06

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 11.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.44	4.4	1.1	I		P
7429-90-5	Aluminum	21.9	87.4	4120			P
7440-38-2	Arsenic	1.3	4.4	15.3			P
7440-39-3	Barium	2.2	87.4	12.0	I	J3	P
7440-41-7	Beryllium	0.11	2.2	0.219	I		P
7440-70-2	Calcium	437	2190	19500			P
7440-43-9	Cadmium	0.44	2.2	0.56	I		P
7440-48-4	Cobalt	2.2	21.9		U		P
7440-47-3	Chromium	0.87	4.4	13.7			P
7440-50-8	Copper	1.3	10.9	107		J3	P
7439-89-6	Iron	13.1	43.7	2750			P
7440-09-7	Potassium	437	2190	5790		J3	P
7439-95-4	Magnesium	437	2190	16700			P
7439-96-5	Manganese	1.3	6.6	7.0			P
7440-02-0	Nickel	2.2	17.5	6.3	I		P
7439-92-1	Lead	0.66	1.3	89.7			P
7440-36-0	Antimony	2.2	26.2		U		P
7782-49-2	Selenium	1.3	2.2	2.1	I		P
7440-31-5	Tin	4.4	43.7	20.7	I		P
7440-28-0	Thallium	1.3	4.4		U		P
7440-62-2	Vanadium	2.2	21.9	51.7			P
7440-66-6	Zinc	2.2	8.7	67.8			P
7440-23-5	Sodium	2190	10900	97500			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S1-SD-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-06

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 11.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.12	0.28	0.43			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-07

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 12.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.40	4.0		U		P
7429-90-5	Aluminum	19.9	79.7	914			P
7440-38-2	Arsenic	1.2	4.0	7.9			P
7440-39-3	Barium	2.0	79.7	5.2	I	J3	P
7440-41-7	Beryllium	0.10	2.0		U		P
7440-70-2	Calcium	399	1990	16300			P
7440-43-9	Cadmium	0.40	2.0		U		P
7440-48-4	Cobalt	2.0	19.9		U		P
7440-47-3	Chromium	0.80	4.0	4.1			P
7440-50-8	Copper	1.2	10.0	42.4		J3	P
7439-89-6	Iron	12.0	39.9	703			P
7440-09-7	Potassium	399	1990	6070		J3	P
7439-95-4	Magnesium	399	1990	17900			P
7439-96-5	Manganese	1.2	6.0	3.0	I		P
7440-02-0	Nickel	2.0	15.9	3.3	I		P
7439-92-1	Lead	0.60	1.2	17.3			P
7440-36-0	Antimony	2.0	23.9	2.1	I		P
7782-49-2	Selenium	1.2	2.0	1.8	I		P
7440-31-5	Tin	4.0	39.9	15.1	I		P
7440-28-0	Thallium	2.0	4.0		U		P
7440-62-2	Vanadium	2.0	19.9	41.7			P
7440-66-6	Zinc	2.0	8.0	21.9			P
7440-23-5	Sodium	1990	9970	93100			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMC 11/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-07

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 12.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.11	0.28	0.17	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-08

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 18.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.26	2.6	0.465	I		P
7429-90-5	Aluminum	13.2	52.7	4040			P
7440-38-2	Arsenic	0.79	2.6	3.6			P
7440-39-3	Barium	1.3	52.7	10.6	I	J3	P
7440-41-7	Beryllium	0.066	1.3	0.150	I		P
7440-43-9	Cadmium	0.26	1.3	1.5			P
7440-48-4	Cobalt	1.3	13.2		U		P
7440-47-3	Chromium	0.53	2.6	15.0			P
7440-50-8	Copper	0.79	6.6	11.9		J3	P
7439-89-6	Iron	7.9	26.3	1640			P
7440-09-7	Potassium	263	1320	3210		J3	P
7439-95-4	Magnesium	263	1320	11600			P
7439-96-5	Manganese	0.79	3.9	10.9			P
7440-02-0	Nickel	1.3	10.5	4.1	I		P
7439-92-1	Lead	0.40	0.79	16.5			P
7440-36-0	Antimony	1.3	15.8		U		P
7782-49-2	Selenium	0.79	1.3	1.2	I		P
7440-31-5	Tin	2.6	26.3	9.6	I		P
7440-28-0	Thallium	0.79	2.6		U		P
7440-62-2	Vanadium	1.3	13.2	23.2			P
7440-66-6	Zinc	1.3	5.3	22.0			P
7440-70-2	Calcium	2630	13200	232000			P
7440-23-5	Sodium	1320	6580	60100			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-08

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 18.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.064	0.16	0.080	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-09

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.30	3.0	0.978	I		P
7429-90-5	Aluminum	15.0	59.8	3850			P
7440-38-2	Arsenic	0.90	3.0	7.5			P
7440-39-3	Barium	1.5	59.8	11.3	I	J3	P
7440-41-7	Beryllium	0.075	1.5	0.150	I		P
7440-43-9	Cadmium	0.30	1.5	0.95	I		P
7440-48-4	Cobalt	1.5	15.0		U		P
7440-47-3	Chromium	0.60	3.0	14.2			P
7440-50-8	Copper	0.90	7.5	82.7		J3	P
7439-89-6	Iron	9.0	29.9	3390			P
7440-09-7	Potassium	299	1500	3760		J3	P
7439-95-4	Magnesium	299	1500	16400			P
7439-96-5	Manganese	0.90	4.5	16.9			P
7440-02-0	Nickel	1.5	12.0	8.6	I		P
7439-92-1	Lead	0.45	0.90	57.6			P
7440-36-0	Antimony	1.5	17.9		U		P
7782-49-2	Selenium	0.90	1.5		U		P
7440-31-5	Tin	3.0	29.9	14.0	I		P
7440-28-0	Thallium	1.8	3.0		U		P
7440-62-2	Vanadium	1.5	15.0	12.8	I		P
7440-66-6	Zinc	1.5	6.0	105			P
7440-23-5	Sodium	1500	7480	64300			P
7440-70-2	Calcium	2990	15000	156000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-09

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.081	0.20	0.32			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2FD11050601

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-33

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 72.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.070	0.70		U		P
7429-90-5	Aluminum	3.5	14.0	1960			P
7440-38-2	Arsenic	0.21	0.70	1.5			P
7440-39-3	Barium	0.35	14.0	33.8			P
7440-41-7	Beryllium	0.017	0.35	0.054	I		P
7440-43-9	Cadmium	0.070	0.35	0.15	I		P
7440-48-4	Cobalt	0.35	3.5	0.37	I		P
7440-47-3	Chromium	0.14	0.70	5.5			P
7440-50-8	Copper	0.21	1.7	8.5		J3	P
7439-89-6	Iron	2.1	7.0	1200			P
7440-09-7	Potassium	69.8	349	458		J3	P
7439-95-4	Magnesium	69.8	349	16700			P
7439-96-5	Manganese	0.21	1.0	37.0			P
7440-02-0	Nickel	0.35	2.8	1.5	I		P
7439-92-1	Lead	0.10	0.21	20.1			P
7440-36-0	Antimony	0.35	4.2		U		P
7782-49-2	Selenium	0.21	0.35		U		P
7440-31-5	Tin	0.70	7.0	2.4	I		P
7440-28-0	Thallium	0.49	0.70		U		P
7440-62-2	Vanadium	0.35	3.5	5.3			P
7440-66-6	Zinc	0.35	1.4	21.6		J4	P
7440-70-2	Calcium	6980	34900	339000			P
7440-23-5	Sodium	140	698	7580			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMC 12/1/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2FD11050601

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-33

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 72.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.019	0.046		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-11

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 67.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-38-2	Arsenic	0.22	0.73	39.4			P
7440-39-3	Barium	0.37	14.6	18.1		J3	P
7440-41-7	Beryllium	0.018	0.37	0.029	I		P
7440-47-3	Chromium	0.15	0.73	34.2			P
7440-50-8	Copper	0.22	1.8	86.3		J3	P
7440-09-7	Potassium	73.2	366	264	I	J3	P
7439-95-4	Magnesium	73.2	366	4450			P
7440-23-5	Sodium	73.2	366	3710			P
7440-31-5	Tin	0.73	7.3	11.7			P
7440-22-4	Silver	1.8	18.3		U		P
7429-90-5	Aluminum	91.5	366	869			P
7440-70-2	Calcium	1830	9150	147000			P
7440-43-9	Cadmium	3.6	9.1		U		P
7440-48-4	Cobalt	9.1	91.5	38.2	I		P
7439-89-6	Iron	54.9	183	247000			P
7439-96-5	Manganese	5.5	27.4	1680			P
7440-02-0	Nickel	9.1	73.2	127			P
7439-92-1	Lead	2.7	5.5	23.7			P
7440-36-0	Antimony	9.1	110		U		P
7782-49-2	Selenium	5.5	9.1		U		P
7440-28-0	Thallium	5.5	18.3		U		P
7440-62-2	Vanadium	9.1	91.5		U		P
7440-66-6	Zinc	9.1	36.6	64.9			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Cadmium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-11

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 67.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.018	0.045		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-12

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 81.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.059	0.59		U		P
7429-90-5	Aluminum	3.0	11.8	589			P
7440-38-2	Arsenic	0.18	0.59	1.2			P
7440-39-3	Barium	0.30	11.8	7.8	I	J3	P
7440-41-7	Beryllium	0.015	0.30	0.019	I		P
7440-43-9	Cadmium	0.059	0.29	0.40			P
7440-48-4	Cobalt	0.30	3.0	0.32	I		P
7440-47-3	Chromium	0.12	0.59	5.4			P
7440-50-8	Copper	0.18	1.5	6.3		J3	P
7439-89-6	Iron	1.8	5.9	2360			P
7440-09-7	Potassium	59.1	295	331		J3	P
7439-95-4	Magnesium	59.1	295	6460			P
7439-96-5	Manganese	0.18	0.89	30.7			P
7440-02-0	Nickel	0.30	2.4	3.4			P
7439-92-1	Lead	0.089	0.18	24.8			P
7440-36-0	Antimony	0.30	3.5		U		P
7782-49-2	Selenium	0.24	0.30		U		P
7440-31-5	Tin	0.59	5.9	2.4	I		P
7440-28-0	Thallium	0.41	0.59		U		P
7440-62-2	Vanadium	0.30	3.0	4.2			P
7440-66-6	Zinc	0.30	1.2	23.0			P
7440-23-5	Sodium	118	591	6480			P
7440-70-2	Calcium	5910	29500	358000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-12

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 81.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.016	0.041		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-13

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.076	0.76	0.089	I		P
7429-90-5	Aluminum	3.8	15.2	2120			P
7440-38-2	Arsenic	0.23	0.76	1.2			P
7440-39-3	Barium	0.38	15.2	10.4	I	J3	P
7440-41-7	Beryllium	0.019	0.38	0.073	I		P
7440-43-9	Cadmium	0.076	0.38	0.95			P
7440-48-4	Cobalt	0.38	3.8		U		P
7440-47-3	Chromium	0.15	0.76	10.6			P
7440-50-8	Copper	0.23	1.9	15.8		J3	P
7439-89-6	Iron	2.3	7.6	1740			P
7440-09-7	Potassium	75.8	379	420		J3	P
7439-95-4	Magnesium	75.8	379	5560			P
7439-96-5	Manganese	0.23	1.1	21.0			P
7440-23-5	Sodium	75.8	379	1340			P
7440-02-0	Nickel	0.38	3.0	3.3			P
7439-92-1	Lead	0.11	0.23	85.4			P
7440-36-0	Antimony	0.38	4.5		U		P
7782-49-2	Selenium	0.23	0.38	0.38			P
7440-31-5	Tin	0.76	7.6	2.8	I		P
7440-28-0	Thallium	0.30	0.76		U		P
7440-62-2	Vanadium	0.38	3.8	7.2			P
7440-66-6	Zinc	0.38	1.5	53.7			P
7440-70-2	Calcium	3790	18900	318000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. smc 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-13

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.020	0.051	0.058			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-14

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 82.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.060	0.60	0.540	I		P
7429-90-5	Aluminum	3.0	12.0	1060			P
7440-38-2	Arsenic	0.18	0.60	1.6			P
7440-39-3	Barium	0.30	12.0	12.6		J3	P
7440-41-7	Beryllium	0.015	0.30	0.018	I		P
7440-43-9	Cadmium	0.060	0.30	3.6			P
7440-48-4	Cobalt	0.30	3.0	0.67	I		P
7440-47-3	Chromium	0.12	0.60	12.5			P
7440-50-8	Copper	0.18	1.5	51.1		J3	P
7439-89-6	Iron	1.8	6.0	3200			P
7440-09-7	Potassium	60.1	300	406		J3	P
7439-95-4	Magnesium	60.1	300	10600			P
7439-96-5	Manganese	0.18	0.90	95.3			P
7440-02-0	Nickel	0.30	2.4	39.5			P
7439-92-1	Lead	0.090	0.18	84.1			P
7440-36-0	Antimony	0.30	3.6	1.5	I		P
7782-49-2	Selenium	0.36	0.30		U		P
7440-31-5	Tin	0.60	6.0	4.3	I		P
7440-28-0	Thallium	0.54	0.60		U		P
7440-62-2	Vanadium	0.30	3.0	3.9			P
7440-66-6	Zinc	0.30	1.2	66.8			P
7440-23-5	Sodium	120	601	8570			P
7440-70-2	Calcium	6010	30000	364000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias SMC 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S2-SS-04-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-14

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 82.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.016	0.039		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-15

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.073	0.73		U		P
7429-90-5	Aluminum	3.6	14.6	575			P
7440-38-2	Arsenic	0.22	0.73	1.9			P
7440-39-3	Barium	0.36	14.6	10.8	I	J3	P
7440-41-7	Beryllium	0.018	0.36	0.019	I		P
7440-43-9	Cadmium	0.073	0.36	0.85			P
7440-48-4	Cobalt	0.36	3.6		U		P
7440-47-3	Chromium	0.15	0.73	7.8			P
7440-50-8	Copper	0.22	1.8	13.8		J3	P
7439-89-6	Iron	2.2	7.3	2210			P
7440-09-7	Potassium	72.8	364	219	I	J3	P
7439-95-4	Magnesium	72.8	364	6050			P
7439-96-5	Manganese	0.22	1.1	25.5			P
7440-23-5	Sodium	72.8	364	2050			P
7440-02-0	Nickel	0.36	2.9	5.4			P
7439-92-1	Lead	0.11	0.22	78.1			P
7440-36-0	Antimony	0.36	4.4		U		P
7782-49-2	Selenium	0.22	0.36		U		P
7440-31-5	Tin	0.73	7.3	2.4	I		P
7440-28-0	Thallium	0.44	0.73		U		P
7440-62-2	Vanadium	0.36	3.6	3.8			P
7440-66-6	Zinc	0.36	1.5	62.1			P
7440-70-2	Calcium	7280	36400	355000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-15

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.019	0.047	0.020	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-16

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 80.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.060	0.60		U		P
7429-90-5	Aluminum	3.0	12.0	486			P
7440-38-2	Arsenic	0.18	0.60	1.4			P
7440-39-3	Barium	0.30	12.0	9.6	I	J3	P
7440-41-7	Beryllium	0.015	0.30		U		P
7440-43-9	Cadmium	0.060	0.30	0.29	I		P
7440-48-4	Cobalt	0.30	3.0		U		P
7440-47-3	Chromium	0.12	0.60	4.3			P
7440-50-8	Copper	0.18	1.5	4.8		J3	P
7439-89-6	Iron	1.8	6.0	1030			P
7440-09-7	Potassium	59.8	299	469		J3	P
7439-95-4	Magnesium	59.8	299	7260			P
7439-96-5	Manganese	0.18	0.90	14.6			P
7440-02-0	Nickel	0.30	2.4	1.7	I		P
7439-92-1	Lead	0.090	0.18	52.0			P
7440-36-0	Antimony	0.30	3.6		U		P
7782-49-2	Selenium	0.24	0.30		U		P
7440-31-5	Tin	0.60	6.0	2.1	I		P
7440-28-0	Thallium	0.48	0.60		U		P
7440-62-2	Vanadium	0.30	3.0	3.5			P
7440-66-6	Zinc	0.30	1.2	22.6			P
7440-23-5	Sodium	120	598	11100			P
7440-70-2	Calcium	5980	29900	369000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias. SMC 12/14

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SS-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-16

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 80.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.016	0.039		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-17

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 35.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.13	1.3		U		P
7429-90-5	Aluminum	6.6	26.6	1190			P
7440-38-2	Arsenic	0.40	1.3	1.1	I		P
7440-39-3	Barium	0.66	26.6	185		J3	P
7440-41-7	Beryllium	0.033	0.66	0.066	I		P
7440-43-9	Cadmium	0.13	0.66	0.40	I		P
7440-48-4	Cobalt	0.66	6.6		U		P
7440-47-3	Chromium	0.27	1.3	8.9			P
7440-50-8	Copper	0.40	3.3	19.5		J3	P
7439-89-6	Iron	4.0	13.3	1770			P
7440-09-7	Potassium	133	664	758		J3	P
7439-95-4	Magnesium	133	664	4730			P
7439-96-5	Manganese	0.40	2.0	16.6			P
7440-23-5	Sodium	133	664	8510			P
7440-02-0	Nickel	0.66	5.3	2.2	I		P
7439-92-1	Lead	0.20	0.40	37.6			P
7440-36-0	Antimony	0.66	8.0		U		P
7782-49-2	Selenium	0.40	0.66		U		P
7440-31-5	Tin	1.3	13.3	4.5	I		P
7440-28-0	Thallium	0.78	1.3		U		P
7440-62-2	Vanadium	0.66	6.6	8.0			P
7440-66-6	Zinc	0.66	2.7	52.7			P
7440-70-2	Calcium	13300	66400	417000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. smc 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-17

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 35.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.037	0.092		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-18

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 55.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.091	0.91	0.111	I		P
7429-90-5	Aluminum	4.5	18.2	2130			P
7440-38-2	Arsenic	0.27	0.91	0.93			P
7440-41-7	Beryllium	0.023	0.46	0.413	I		P
7440-43-9	Cadmium	0.091	0.46	0.70			P
7440-47-3	Chromium	0.18	0.91	34.7			P
7440-50-8	Copper	0.27	2.3	43.4		J3	P
7439-89-6	Iron	2.7	9.1	2460			P
7440-09-7	Potassium	90.9	455	220	I	J3	P
7439-95-4	Magnesium	90.9	455	4100			P
7439-96-5	Manganese	0.27	1.4	19.3			P
7440-23-5	Sodium	90.9	455	957			P
7440-02-0	Nickel	0.45	3.6	3.5	I		P
7439-92-1	Lead	0.14	0.27	158			P
7440-36-0	Antimony	0.45	5.5		U		P
7782-49-2	Selenium	0.27	0.45		U		P
7440-31-5	Tin	0.91	9.1	2.9	I		P
7440-28-0	Thallium	0.27	0.91		U		P
7440-62-2	Vanadium	0.45	4.5	6.5			P
7440-66-6	Zinc	0.45	1.8	348			P
7440-39-3	Barium	2.3	90.9	2240		J3	P
7440-48-4	Cobalt	2.3	22.7		U		P
7440-70-2	Calcium	4550	22700	282000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-18

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 55.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.023	0.057	0.027	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-19

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 58.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.083	0.83	0.294	I		P
7429-90-5	Aluminum	4.1	16.6	3790			P
7440-38-2	Arsenic	0.25	0.83	1.2			P
7440-41-7	Beryllium	0.021	0.41	0.494			P
7440-43-9	Cadmium	0.083	0.41	0.57			P
7440-47-3	Chromium	0.17	0.83	43.3			P
7440-50-8	Copper	0.25	2.1	32.6		J3	P
7439-89-6	Iron	2.5	8.3	2900			P
7440-09-7	Potassium	82.9	414	584		J3	P
7439-95-4	Magnesium	82.9	414	5930			P
7439-96-5	Manganese	0.25	1.2	24.5			P
7440-23-5	Sodium	82.9	414	6600			P
7440-02-0	Nickel	0.41	3.3	3.5			P
7439-92-1	Lead	0.12	0.25	213			P
7440-36-0	Antimony	0.41	5.0		U		P
7782-49-2	Selenium	0.33	0.41		U		P
7440-31-5	Tin	0.83	8.3	2.9	I		P
7440-28-0	Thallium	0.58	0.83		U		P
7440-62-2	Vanadium	0.41	4.1	9.2			P
7440-66-6	Zinc	0.41	1.7	103			P
7440-39-3	Barium	2.1	82.9	911		J3	P
7440-48-4	Cobalt	2.1	20.7		U		P
7440-70-2	Calcium	8290	41400	387000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias. SMG 12/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-19

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 58.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.018	0.045	0.025	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-20

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 82.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.059	0.59		U		P
7429-90-5	Aluminum	3.0	11.8	546			P
7440-38-2	Arsenic	0.18	0.59	0.63			P
7440-39-3	Barium	0.30	11.8	68.2			P
7440-41-7	Beryllium	0.015	0.30	0.026	I		P
7440-43-9	Cadmium	0.059	0.30	0.32			P
7440-48-4	Cobalt	0.30	3.0	0.30	I		P
7440-47-3	Chromium	0.12	0.59	8.9			P
7440-50-8	Copper	0.18	1.5	8.3		J3	P
7439-89-6	Iron	1.8	5.9	721			P
7440-09-7	Potassium	59.2	296	328		J3	P
7439-95-4	Magnesium	59.2	296	5040			P
7439-96-5	Manganese	0.18	0.89	11.8			P
7440-02-0	Nickel	0.30	2.4	1.4	I		P
7439-92-1	Lead	0.089	0.18	45.8			P
7440-36-0	Antimony	0.30	3.6		U		P
7782-49-2	Selenium	0.18	0.30		U		P
7440-31-5	Tin	0.59	5.9	2.2	I		P
7440-28-0	Thallium	0.30	0.59		U		P
7440-62-2	Vanadium	0.30	3.0	4.1			P
7440-66-6	Zinc	0.30	1.2	28.1		J4	P
7440-70-2	Calcium	5920	29600	379000			P
7440-23-5	Sodium	118	592	6500			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-20

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 82.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.037		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-11-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-21

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 83.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.059	0.59		U		P
7429-90-5	Aluminum	3.0	11.9	755			P
7440-38-2	Arsenic	0.18	0.59	0.62			P
7440-39-3	Barium	0.30	11.9	17.9			P
7440-41-7	Beryllium	0.015	0.30	0.028	I		P
7440-43-9	Cadmium	0.059	0.30	0.28	I		P
7440-48-4	Cobalt	0.30	3.0	0.48	I		P
7440-47-3	Chromium	0.12	0.59	8.6			P
7440-50-8	Copper	0.18	1.5	8.8		J3	P
7439-89-6	Iron	1.8	5.9	1260			P
7440-09-7	Potassium	59.4	297	232	I	J3	P
7439-95-4	Magnesium	59.4	297	4780			P
7439-96-5	Manganese	0.18	0.89	19.3			P
7440-23-5	Sodium	59.4	297	3640			P
7440-02-0	Nickel	0.30	2.4	1.7	I		P
7439-92-1	Lead	0.089	0.18	44.7			P
7440-36-0	Antimony	0.30	3.6		U		P
7782-49-2	Selenium	0.18	0.30		U		P
7440-31-5	Tin	0.59	5.9	2.1	I		P
7440-28-0	Thallium	0.30	0.59		U		P
7440-62-2	Vanadium	0.30	3.0	5.7			P
7440-66-6	Zinc	0.30	1.2	25.7		J4	P
7440-70-2	Calcium	5940	29700	381000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. smc 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-11-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-21

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 83.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.038		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-22

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 86.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.057	0.57		U		P
7429-90-5	Aluminum	2.8	11.4	627			P
7440-38-2	Arsenic	0.17	0.57	0.82			P
7440-41-7	Beryllium	0.014	0.28	0.059	I		P
7440-43-9	Cadmium	0.057	0.28	0.29			P
7440-47-3	Chromium	0.11	0.57	6.3			P
7440-50-8	Copper	0.17	1.4	11.6		J3	P
7439-89-6	Iron	1.7	5.7	1670			P
7440-09-7	Potassium	57.0	285	261	I	J3	P
7439-95-4	Magnesium	57.0	285	4570			P
7439-96-5	Manganese	0.17	0.85	21.0			P
7440-23-5	Sodium	57.0	285	4670			P
7440-02-0	Nickel	0.28	2.3	1.6	I		P
7439-92-1	Lead	0.085	0.17	42.1			P
7440-36-0	Antimony	0.28	3.4		U		P
7782-49-2	Selenium	0.17	0.28		U		P
7440-31-5	Tin	0.57	5.7	2.0	I		P
7440-28-0	Thallium	0.40	0.57		U		P
7440-62-2	Vanadium	0.28	2.8	7.8			P
7440-66-6	Zinc	0.28	1.1	30.6		J4	P
7440-70-2	Calcium	5700	28500	388000			P
7440-39-3	Barium	0.57	22.8	302			P
7440-48-4	Cobalt	0.57	5.7	0.58	I		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMC 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-22

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 86.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.038		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-23

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 71.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.067	0.67		U		P
7429-90-5	Aluminum	3.4	13.4	1820			P
7440-38-2	Arsenic	0.20	0.67	1.6			P
7440-39-3	Barium	0.34	13.4	19.7			P
7440-41-7	Beryllium	0.017	0.34	0.049	I		P
7440-43-9	Cadmium	0.067	0.34	0.17	I		P
7440-48-4	Cobalt	0.34	3.4	0.39	I		P
7440-47-3	Chromium	0.13	0.67	5.6			P
7440-50-8	Copper	0.20	1.7	8.3		J3	P
7439-89-6	Iron	2.0	6.7	1210			P
7440-09-7	Potassium	67.1	335	468		J3	P
7439-95-4	Magnesium	67.1	335	18200			P
7439-96-5	Manganese	0.20	1.0	41.1			P
7440-02-0	Nickel	0.34	2.7	1.9	I		P
7439-92-1	Lead	0.10	0.20	21.7			P
7440-36-0	Antimony	0.34	4.0		U		P
7782-49-2	Selenium	0.20	0.34		U		P
7440-31-5	Tin	0.67	6.7	2.7	I		P
7440-28-0	Thallium	0.20	0.67		U		P
7440-62-2	Vanadium	0.34	3.4	5.9			P
7440-66-6	Zinc	0.34	1.3	23.9		J4	P
7440-70-2	Calcium	6710	33500	375000			P
7440-23-5	Sodium	134	671	8220			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-23

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 71.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.016	0.039		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SS-14-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-24

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 64.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.078	0.78		U		P
7429-90-5	Aluminum	3.9	15.6	1350			P
7440-38-2	Arsenic	0.23	0.78	0.69	I		P
7440-39-3	Barium	0.39	15.6	123			P
7440-41-7	Beryllium	0.020	0.39	0.053	I		P
7440-43-9	Cadmium	0.078	0.39	0.41			P
7440-48-4	Cobalt	0.39	3.9	0.73	I		P
7440-47-3	Chromium	0.16	0.78	4.5			P
7440-50-8	Copper	0.23	2.0	18.7		J3	P
7439-89-6	Iron	2.3	7.8	1410			P
7440-09-7	Potassium	78.1	391	390	I	J3	P
7439-95-4	Magnesium	78.1	391	3810			P
7439-96-5	Manganese	0.23	1.2	23.5			P
7440-23-5	Sodium	78.1	391	3900			P
7440-02-0	Nickel	0.39	3.1	3.1	I		P
7439-92-1	Lead	0.12	0.23	29.6			P
7440-36-0	Antimony	0.39	4.7		U		P
7782-49-2	Selenium	0.23	0.39		U		P
7440-31-5	Tin	0.78	7.8	2.7	I		P
7440-28-0	Thallium	0.55	0.78		U		P
7440-62-2	Vanadium	0.39	3.9	6.4			P
7440-66-6	Zinc	0.39	1.6	55.8		J4	P
7440-70-2	Calcium	7810	39100	339000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMC plate

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-14-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-24

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 64.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.021	0.052		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-15-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-25

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 91.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.055	0.55		U		P
7429-90-5	Aluminum	2.7	11.0	562			P
7440-38-2	Arsenic	0.16	0.55	0.37	I		P
7440-39-3	Barium	0.27	11.0	25.1		J3	P
7440-41-7	Beryllium	0.014	0.28	0.023	I		P
7440-43-9	Cadmium	0.055	0.28	0.13	I		P
7440-48-4	Cobalt	0.27	2.7	0.38	I		P
7440-47-3	Chromium	0.11	0.55	1.8			P
7440-50-8	Copper	0.16	1.4	5.6		J3	P
7439-89-6	Iron	1.6	5.5	768			P
7440-09-7	Potassium	54.9	275	82.0	I	J3	P
7439-95-4	Magnesium	54.9	275	2400			P
7439-96-5	Manganese	0.16	0.82	11.4			P
7440-23-5	Sodium	54.9	275	1690			P
7440-02-0	Nickel	0.27	2.2	0.99	I		P
7439-92-1	Lead	0.082	0.16	6.8			P
7440-36-0	Antimony	0.27	3.3		U		P
7782-49-2	Selenium	0.16	0.27		U		P
7440-31-5	Tin	0.55	5.5	1.7	I		P
7440-28-0	Thallium	0.22	0.55		U		P
7440-62-2	Vanadium	0.27	2.7	3.9			P
7440-66-6	Zinc	0.27	1.1	13.0			P
7440-70-2	Calcium	5490	27500	326000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative blks. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-15-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-25

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 91.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.037		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-16-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-26

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 74.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.067	0.67		U		P
7429-90-5	Aluminum	3.4	13.4	1970			P
7440-38-2	Arsenic	0.20	0.67	1.1			P
7440-39-3	Barium	0.34	13.4	14.8			P
7440-41-7	Beryllium	0.017	0.34	0.049	I		P
7440-43-9	Cadmium	0.067	0.34	0.23	I		P
7440-48-4	Cobalt	0.34	3.4	0.37	I		P
7440-47-3	Chromium	0.13	0.67	5.3			P
7440-50-8	Copper	0.20	1.7	8.0		J3	P
7439-89-6	Iron	2.0	6.7	1090			P
7440-09-7	Potassium	67.2	336	397		J3	P
7439-95-4	Magnesium	67.2	336	5450			P
7439-96-5	Manganese	0.20	1.0	16.6			P
7440-23-5	Sodium	67.2	336	5310			P
7440-02-0	Nickel	0.34	2.7	1.8	I		P
7439-92-1	Lead	0.10	0.20	22.7			P
7440-36-0	Antimony	0.34	4.0		U		P
7782-49-2	Selenium	0.20	0.34		U		P
7440-31-5	Tin	0.67	6.7	2.2	I		P
7440-28-0	Thallium	0.47	0.67		U		P
7440-62-2	Vanadium	0.34	3.4	5.7			P
7440-66-6	Zinc	0.34	1.3	18.1		J4	P
7440-70-2	Calcium	6720	33600	376000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/1/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-16-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-26

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 74.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.038		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-17-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-27

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 80.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.062	0.62		U		P
7429-90-5	Aluminum	3.1	12.5	830			P
7440-38-2	Arsenic	0.19	0.62	0.78			P
7440-39-3	Barium	0.31	12.5	45.5			P
7440-41-7	Beryllium	0.016	0.31	0.027	I		P
7440-43-9	Cadmium	0.063	0.31	0.25	I		P
7440-48-4	Cobalt	0.31	3.1	0.35	I		P
7440-47-3	Chromium	0.12	0.62	3.0			P
7440-50-8	Copper	0.19	1.6	5.2		J3	P
7439-89-6	Iron	1.9	6.2	739			P
7440-09-7	Potassium	62.5	312	282	I	J3	P
7439-95-4	Magnesium	62.5	312	14400			P
7439-96-5	Manganese	0.19	0.94	18.5			P
7440-23-5	Sodium	62.5	312	5340			P
7440-02-0	Nickel	0.31	2.5	1.5	I		P
7439-92-1	Lead	0.094	0.19	18.3			P
7440-36-0	Antimony	0.31	3.8		U		P
7782-49-2	Selenium	0.19	0.31		U		P
7440-31-5	Tin	0.62	6.2	2.1	I		P
7440-28-0	Thallium	0.25	0.62		U		P
7440-62-2	Vanadium	0.31	3.1	3.4			P
7440-66-6	Zinc	0.31	1.2	18.0		J4	P
7440-70-2	Calcium	6250	31300	342000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SS-17-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-27

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 80.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.017	0.042		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SS-18-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-28

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 76.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.065	0.65		U		P
7429-90-5	Aluminum	3.3	13.1	2440			P
7440-38-2	Arsenic	0.20	0.65	1.1			P
7440-39-3	Barium	0.33	13.1	12.7	I		P
7440-41-7	Beryllium	0.016	0.33	0.118	I		P
7440-43-9	Cadmium	0.065	0.33	0.25	I		P
7440-48-4	Cobalt	0.33	3.3	0.39	I		P
7440-47-3	Chromium	0.13	0.65	5.7			P
7440-50-8	Copper	0.20	1.6	15.0		J3	P
7439-89-6	Iron	2.0	6.5	1550			P
7440-09-7	Potassium	65.5	327	506		J3	P
7439-95-4	Magnesium	65.5	327	6670			P
7439-96-5	Manganese	0.20	0.98	27.5			P
7440-23-5	Sodium	65.5	327	6450			P
7440-02-0	Nickel	0.33	2.6	2.1	I		P
7439-92-1	Lead	0.098	0.20	24.3			P
7440-36-0	Antimony	0.33	3.9		U		P
7782-49-2	Selenium	0.20	0.33		U		P
7440-31-5	Tin	0.65	6.5	2.3	I		P
7440-28-0	Thallium	0.46	0.65		U		P
7440-62-2	Vanadium	0.33	3.3	5.6			P
7440-66-6	Zinc	0.33	1.3	39.7		J4	P
7440-70-2	Calcium	6550	32700	329000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-18-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-28

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 76.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.017	0.042		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-19-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-29

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 91.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.054	0.54		U		P
7429-90-5	Aluminum	2.7	10.7	464			P
7440-38-2	Arsenic	0.16	0.54	0.80			P
7440-39-3	Barium	0.27	10.7	57.1			P
7440-41-7	Beryllium	0.013	0.27	0.019	I		P
7440-43-9	Cadmium	0.054	0.27	0.16	I		P
7440-48-4	Cobalt	0.27	2.7		U		P
7440-47-3	Chromium	0.11	0.54	2.4			P
7440-50-8	Copper	0.16	1.3	6.1		J3	P
7439-89-6	Iron	1.6	5.4	599			P
7440-09-7	Potassium	53.6	268	89.0	I	J3	P
7439-95-4	Magnesium	53.6	268	2640			P
7439-96-5	Manganese	0.16	0.80	8.8			P
7440-23-5	Sodium	53.6	268	1760			P
7440-02-0	Nickel	0.27	2.1	1.2	I		P
7439-92-1	Lead	0.080	0.16	13.9			P
7440-36-0	Antimony	0.27	3.2		U		P
7782-49-2	Selenium	0.22	0.27		U		P
7440-31-5	Tin	0.54	5.4	1.8	I		P
7440-28-0	Thallium	0.49	0.54		U		P
7440-62-2	Vanadium	0.27	2.7	4.4			P
7440-66-6	Zinc	0.27	1.1	13.9		J4	P
7440-70-2	Calcium	5360	26800	387000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias. DMS 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-19-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-29

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 91.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.037		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-20-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-30

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 81.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.057	0.57		U		P
7429-90-5	Aluminum	2.9	11.5	1060			P
7440-38-2	Arsenic	0.17	0.57	1.1			P
7440-39-3	Barium	0.29	11.5	132			P
7440-41-7	Beryllium	0.014	0.29	0.048	I		P
7440-43-9	Cadmium	0.057	0.29	0.62			P
7440-48-4	Cobalt	0.29	2.9	0.69	I		P
7440-47-3	Chromium	0.11	0.57	3.5			P
7440-50-8	Copper	0.17	1.4	13.8		J3	P
7439-89-6	Iron	1.7	5.7	1640			P
7440-09-7	Potassium	57.4	287	165	I	J3	P
7439-95-4	Magnesium	57.4	287	6240			P
7439-96-5	Manganese	0.17	0.86	22.1			P
7440-23-5	Sodium	57.4	287	3090			P
7440-02-0	Nickel	0.29	2.3	2.5			P
7439-92-1	Lead	0.086	0.17	20.0			P
7440-36-0	Antimony	0.29	3.4		U		P
7782-49-2	Selenium	0.17	0.29		U		P
7440-31-5	Tin	0.57	5.7	2.0	I		P
7440-28-0	Thallium	0.46	0.57		U		P
7440-62-2	Vanadium	0.29	2.9	8.9			P
7440-66-6	Zinc	0.29	1.1	37.1		J4	P
7440-70-2	Calcium	5740	28700	401000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative blks. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-20-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELAEN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-30

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 81.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.039		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-21-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-31

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 84.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.054	0.54	0.133	I		P
7429-90-5	Aluminum	2.7	10.9	1160			P
7440-38-2	Arsenic	0.16	0.54	1.2			P
7440-39-3	Barium	0.27	10.9	13.0			P
7440-41-7	Beryllium	0.014	0.27	0.034	I		P
7440-43-9	Cadmium	0.054	0.27	0.43			P
7440-48-4	Cobalt	0.27	2.7	0.28	I		P
7440-47-3	Chromium	0.11	0.54	4.6			P
7440-50-8	Copper	0.16	1.4	19.8		J3	P
7439-89-6	Iron	1.6	5.4	1440			P
7440-09-7	Potassium	54.4	272	247	I	J3	P
7439-95-4	Magnesium	54.4	272	9100			P
7439-96-5	Manganese	0.16	0.82	23.6			P
7440-23-5	Sodium	54.4	272	4810			P
7440-02-0	Nickel	0.27	2.2	2.2			P
7439-92-1	Lead	0.082	0.16	19.7			P
7440-36-0	Antimony	0.27	3.3	0.42	I		P
7782-49-2	Selenium	0.27	0.27		U		P
7440-31-5	Tin	0.54	5.4	2.6	I		P
7440-28-0	Thallium	0.27	0.54		U		P
7440-62-2	Vanadium	0.27	2.7	6.3			P
7440-66-6	Zinc	0.27	1.1	33.7		J4	P
7440-70-2	Calcium	5440	27200	295000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Selenium and Thallium MDLs increased due to negative bias. SMC 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-21-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-31

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 84.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.015	0.037		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SS-22-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-32

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.075	0.75		U		P
7429-90-5	Aluminum	3.7	14.9	5130			P
7440-38-2	Arsenic	0.22	0.75	2.7			P
7440-39-3	Barium	0.37	14.9	19.7			P
7440-41-7	Beryllium	0.019	0.37	0.136	I		P
7440-43-9	Cadmium	0.075	0.37	0.42			P
7440-48-4	Cobalt	0.37	3.7	0.57	I		P
7440-47-3	Chromium	0.15	0.75	10.0			P
7440-50-8	Copper	0.22	1.9	12.5		J3	P
7439-89-6	Iron	2.2	7.5	3070			P
7440-09-7	Potassium	74.6	373	708		J3	P
7439-95-4	Magnesium	74.6	373	10000			P
7439-96-5	Manganese	0.22	1.1	46.9			P
7440-23-5	Sodium	74.6	373	2940			P
7440-02-0	Nickel	0.37	3.0	3.0			P
7439-92-1	Lead	0.11	0.22	27.1			P
7440-36-0	Antimony	0.37	4.5	0.49	I		P
7782-49-2	Selenium	0.22	0.37	0.28	I		P
7440-31-5	Tin	0.75	7.5	3.3	I		P
7440-28-0	Thallium	0.30	0.75		U		P
7440-62-2	Vanadium	0.37	3.7	7.1			P
7440-66-6	Zinc	0.37	1.5	30.3		J4	P
7440-70-2	Calcium	7460	37300	357000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SS-22-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-32

Level (low/med): LOW Date Sampled: 11/05/06

% Solids: 66.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.020	0.051	0.042	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5FD11060602

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-39

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.31	3.1	0.314	I		P
7429-90-5	Aluminum	15.5	62.2	1450			P
7440-38-2	Arsenic	0.93	3.1	5.4			P
7440-39-3	Barium	1.6	62.2	13.1	I		P
7440-41-7	Beryllium	0.078	1.6	0.078	I		P
7440-43-9	Cadmium	0.31	1.6	1.3	I		P
7440-48-4	Cobalt	1.6	15.5		U		P
7440-47-3	Chromium	0.62	3.1	12.7			P
7440-50-8	Copper	0.93	7.8	7.1	I		P
7439-89-6	Iron	9.3	31.1	970			P
7440-09-7	Potassium	311	1550	2600			P
7439-95-4	Magnesium	311	1550	14800			P
7439-96-5	Manganese	0.93	4.7	12.6			P
7440-02-0	Nickel	1.6	12.4	2.3	I		P
7439-92-1	Lead	0.47	0.93	18.2			P
7440-36-0	Antimony	1.6	18.7		U		P
7782-49-2	Selenium	0.93	1.6		U		P
7440-31-5	Tin	3.1	31.1	10.2	I		P
7440-28-0	Thallium	0.93	3.1		U		P
7440-62-2	Vanadium	1.6	15.5	6.2	I		P
7440-66-6	Zinc	1.6	6.2	58.7			P
7440-70-2	Calcium	7770	38900	237000			P
7440-23-5	Sodium	1550	7770	55000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5FD11060602

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-39

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.076	0.19		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-34

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 17.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.29	2.9	0.665	I		P
7429-90-5	Aluminum	14.7	58.8	3090			P
7440-38-2	Arsenic	0.88	2.9	5.3			P
7440-39-3	Barium	1.5	58.8	14.3	I		P
7440-41-7	Beryllium	0.074	1.5	0.167	I		P
7440-43-9	Cadmium	0.29	1.5	6.7			P
7440-48-4	Cobalt	1.5	14.7		U		P
7440-47-3	Chromium	0.59	2.9	46.4			P
7440-50-8	Copper	0.88	7.4	22.4		J3	P
7439-89-6	Iron	8.8	29.4	2510			P
7440-09-7	Potassium	294	1470	2600		J3	P
7439-95-4	Magnesium	294	1470	14700			P
7439-96-5	Manganese	0.88	4.4	18.1			P
7440-02-0	Nickel	1.5	11.8	5.9	I		P
7439-92-1	Lead	0.44	0.88	60.8			P
7440-36-0	Antimony	1.5	17.6		U		P
7782-49-2	Selenium	0.88	1.5		U		P
7440-31-5	Tin	2.9	29.4	9.8	I		P
7440-28-0	Thallium	1.2	2.9		U		P
7440-62-2	Vanadium	1.5	14.7	10.5	I		P
7440-66-6	Zinc	1.5	5.9	226		J4	P
7440-70-2	Calcium	14700	73500	315000			P
7440-23-5	Sodium	1470	7350	50900			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-34

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 17.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.067	0.17	0.11	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-35

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.29	2.9		U		P
7429-90-5	Aluminum	14.5	58.1	2110			P
7440-38-2	Arsenic	0.87	2.9	7.7			P
7440-39-3	Barium	1.5	58.1	17.7	I		P
7440-41-7	Beryllium	0.073	1.5	0.097	I		P
7440-43-9	Cadmium	0.29	1.5	1.9			P
7440-48-4	Cobalt	1.5	14.5		U		P
7440-47-3	Chromium	0.58	2.9	19.5			P
7440-50-8	Copper	0.87	7.3	10.3		J3	P
7439-89-6	Iron	8.7	29.1	1310			P
7440-09-7	Potassium	291	1450	2890		J3	P
7439-95-4	Magnesium	291	1450	18000			P
7439-96-5	Manganese	0.87	4.4	16.7			P
7440-02-0	Nickel	1.5	11.6	3.2	I		P
7439-92-1	Lead	0.44	0.87	32.5			P
7440-36-0	Antimony	1.5	17.4		U		P
7782-49-2	Selenium	0.87	1.5		U		P
7440-31-5	Tin	2.9	29.1	10.5	I		P
7440-28-0	Thallium	1.2	2.9		U		P
7440-62-2	Vanadium	1.5	14.5	8.5	I		P
7440-66-6	Zinc	1.5	5.8	75.9		J4	P
7440-70-2	Calcium	14500	72700	302000			P
7440-23-5	Sodium	1450	7270	55000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/a

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-35

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 16.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.076	0.19		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-36

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 33.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.15	1.5		U		P
7429-90-5	Aluminum	7.3	29.3	1760			P
7440-38-2	Arsenic	0.44	1.5	2.4			P
7440-39-3	Barium	0.73	29.3	6.8	I		P
7440-41-7	Beryllium	0.037	0.73	0.059	I		P
7440-43-9	Cadmium	0.15	0.73	0.30	I		P
7440-48-4	Cobalt	0.73	7.3		U		P
7440-47-3	Chromium	0.29	1.5	5.6			P
7440-50-8	Copper	0.44	3.7	4.3		J3	P
7439-89-6	Iron	4.4	14.6	896			P
7440-09-7	Potassium	146	732	1360		J3	P
7439-95-4	Magnesium	146	732	13800			P
7439-96-5	Manganese	0.44	2.2	12.0			P
7440-02-0	Nickel	0.73	5.9	1.7	I		P
7439-92-1	Lead	0.22	0.44	8.0			P
7440-36-0	Antimony	0.73	8.8		U		P
7782-49-2	Selenium	0.44	0.73		U		P
7440-31-5	Tin	1.5	14.6	4.9	I		P
7440-28-0	Thallium	0.60	1.5		U		P
7440-62-2	Vanadium	0.73	7.3	10.0			P
7440-66-6	Zinc	0.73	2.9	10.4		J4	P
7440-70-2	Calcium	7320	36600	189000			P
7440-23-5	Sodium	732	3660	27000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. SMG 12/7/06

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-36

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 33.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.036	0.089		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-37

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 44.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.11	1.1		U		P
7429-90-5	Aluminum	5.5	21.9	1030			P
7440-38-2	Arsenic	0.33	1.1	1.8			P
7440-39-3	Barium	0.55	21.9	6.1	I		P
7440-41-7	Beryllium	0.027	0.55	0.036	I		P
7440-43-9	Cadmium	0.11	0.55	0.20	I		P
7440-48-4	Cobalt	0.55	5.5		U		P
7440-47-3	Chromium	0.22	1.1	3.9			P
7440-50-8	Copper	0.33	2.7	2.5	I	J3	P
7439-89-6	Iron	3.3	10.9	543			P
7440-09-7	Potassium	109	546	985		J3	P
7439-95-4	Magnesium	109	546	11900			P
7439-96-5	Manganese	0.33	1.6	9.5			P
7440-02-0	Nickel	0.55	4.4	0.98	I		P
7439-92-1	Lead	0.16	0.33	6.2			P
7440-36-0	Antimony	0.55	6.6		U		P
7782-49-2	Selenium	0.33	0.55		U		P
7440-31-5	Tin	1.1	10.9	3.5	I		P
7440-28-0	Thallium	0.33	1.1		U		P
7440-62-2	Vanadium	0.55	5.5	4.1	I		P
7440-66-6	Zinc	0.55	2.2	7.0		J4	P
7440-70-2	Calcium	5460	27300	215000			P
7440-23-5	Sodium	546	2730	19200			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-37

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 44.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.026	0.065		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-38

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 49.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.10	1.0		U		P
7429-90-5	Aluminum	5.0	20.1	500			P
7440-38-2	Arsenic	0.30	1.0	1.4			P
7440-39-3	Barium	0.50	20.1	4.8	I		P
7440-41-7	Beryllium	0.025	0.50		U		P
7440-43-9	Cadmium	0.10	0.50	0.13	I		P
7440-48-4	Cobalt	0.50	5.0		U		P
7440-47-3	Chromium	0.20	1.0	2.1			P
7440-50-8	Copper	0.30	2.5	1.7	I	J3	P
7439-89-6	Iron	3.0	10.1	319			P
7440-09-7	Potassium	101	503	745		J3	P
7439-95-4	Magnesium	101	503	8970			P
7439-96-5	Manganese	0.30	1.5	6.5			P
7440-02-0	Nickel	0.50	4.0	0.53	I		P
7439-92-1	Lead	0.15	0.30	4.5			P
7440-36-0	Antimony	0.50	6.0		U		P
7782-49-2	Selenium	0.30	0.50		U		P
7440-31-5	Tin	1.0	10.1	3.4	I		P
7440-28-0	Thallium	0.30	1.0		U		P
7440-62-2	Vanadium	0.50	5.0	3.4	I		P
7440-66-6	Zinc	0.50	2.0	4.7		J4	P
7440-70-2	Calcium	5030	25100	291000			P
7440-23-5	Sodium	503	2510	16200			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5-SD-05-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST01

Matrix: SOIL Lab Sample ID: 0611056-38

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 49.0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.027	0.068		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

APPENDIX C
SUPPORT DOCUMENTATION

Empirical Laboratories

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1162006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	**KEY WEST NAS**	**Chuck Bryan**	**Federal Express**	**Empirical Laboratories** **227 French Landing Drive, Suite 550** **Nashville, TN 37228**
	Turn Around Time: **Standard**	Field Ops Leader: **Gary Braganza**	Carrier/Waybill No. **8566-7032-5710**	Point of Contact: **Marcia McGinnity** **(615) 345-1119 x232**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	SW-846 6020	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	SW-846 8081 / 8270C	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	SW-846 6020	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	SW-846 8081 / 8270C	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	SW-846 6020	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	SW-846 8081 / 8270C	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	SW-846 6020	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	SW-846 8081 / 8270C	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	SW-846 8081 / 8270C	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	SW-846 6020	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	SW-846 6020	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	SW-846 8081 / 8270C	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	SW-846 8081 / 8270C	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	SW-846 6020	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	SW-846 6020	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	SW-846 8081 / 8270C	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	SW-846 6020	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	SW-846 8081 / 8270C	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	SW-846 6020	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	SW-846 8081 / 8270C	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	SW-846 6020	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	SW-846 6020	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	SW-846 8081 / 8270C	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	SW-846 6020	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	SW-846 8081 / 8270C	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	SW-846 6020	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	SW-846 8081 / 8270C	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	SW-846 6020	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	

000031

11	[redacted]	SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	0611057-06	
		S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		07
		S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
		S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		08
		S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
		S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank	09
		S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank	
		S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		10
		S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
		S1FD11040602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-10	
		S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		11
		S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		12
		S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		13
		S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		14
		S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		15
		S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-5		S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		16
		S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		17
		S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		18
		S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		19
		S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		20
		S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		21
		S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		22
		S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		23
		S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		24
		S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	25
		S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
		S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		26
		S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		27
		S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
		S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		28
		S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		

Empirical Laboratories

000032

Empirical Laboratories

11-	SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 29	
	SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057 - 11	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		13
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		14
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		15
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		16
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	061056 - 31	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By: **John Wright**	Date: 11/06/2006	Time: 17:00	Received By: **Federal Express**	Date: 11/06/2006	Time: 17:00
2. Relinquished By:	Date:	Time:	Received By: Andy Barta	Date: 11/7/06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

000033

Comments: 30

HOLDTIME

SDG KEYWEST01

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S5FD11060602	0611056-39	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30
HG	MG/KG	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30
HG	MG/KG	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30
HG	MG/KG	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30
HG	MG/KG	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/29/2006	12/6/2006	23	7	30
HG	MG/KG	S1FD11040602	0611056-10	NM	11/4/2006	11/16/2006	11/17/2006	12	1	13
HG	MG/KG	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/16/2006	11/17/2006	12	1	13
HG	MG/KG	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/16/2006	11/17/2006	13	1	14
HG	MG/KG	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/16/2006	11/17/2006	13	1	14
HG	MG/KG	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/16/2006	11/17/2006	13	1	14
HG	MG/KG	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/16/2006	11/17/2006	12	1	13
HG	MG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/16/2006	11/17/2006	13	1	14
HG	MG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/16/2006	11/17/2006	12	1	13
HG	MG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/16/2006	11/17/2006	12	1	13
HG	MG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25
HG	MG/KG	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/16/2006	11/17/2006	13	1	14
HG	MG/KG	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/29/2006	11/30/2006	24	1	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S2FD11050601	0611056-33	NM	11/5/2006	11/29/2006	12/6/2006	24	7	31
HG	MG/KG	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/29/2006	11/30/2006	25	1	26
HG	MG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/29/2006	11/30/2006	25	1	26
HG	MG/KG	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/29/2006	11/30/2006	25	1	26
HG	MG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/29/2006	11/30/2006	25	1	26
HG	MG/KG	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/29/2006	11/30/2006	25	1	26
M	MG/KG	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/21/2006	12/5/2006	16	14	30
M	MG/KG	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/20/2006	11/30/2006	15	10	25
M	MG/KG	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/20/2006	11/28/2006	15	8	23
M	MG/KG	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/20/2006	11/30/2006	15	10	25
M	MG/KG	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22
M	MG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/20/2006	11/29/2006	15	9	24
M	MG/KG	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/20/2006	11/30/2006	15	10	25
M	MG/KG	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22
M	MG/KG	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22
M	MG/KG	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/21/2006	12/5/2006	16	14	30
M	MG/KG	S5FD11060602	0611056-39	NM	11/6/2006	11/21/2006	11/30/2006	15	9	24
M	MG/KG	S5FD11060602	0611056-39	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22
M	MG/KG	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/21/2006	11/28/2006	15	7	22
M	MG/KG	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/20/2006	11/29/2006	17	9	26
M	MG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/20/2006	11/30/2006	16	10	26
M	MG/KG	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/20/2006	11/28/2006	17	8	25
M	MG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/20/2006	11/28/2006	17	8	25
M	MG/KG	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/20/2006	11/28/2006	17	8	25
M	MG/KG	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/20/2006	11/29/2006	17	9	26
M	MG/KG	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/20/2006	11/28/2006	17	8	25
M	MG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/20/2006	11/29/2006	17	9	26
M	MG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/20/2006	11/28/2006	17	8	25
M	MG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/20/2006	11/29/2006	17	9	26
M	MG/KG	S1FD11040602	0611056-10	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/20/2006	11/28/2006	15	8	23
M	MG/KG	S1FD11040602	0611056-10	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/20/2006	11/29/2006	17	9	26
M	MG/KG	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/20/2006	11/30/2006	16	10	26
M	MG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/20/2006	11/28/2006	15	8	23
M	MG/KG	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/20/2006	11/28/2006	15	8	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/20/2006	11/30/2006	15	10	25
M	MG/KG	S2FD11050601	0611056-33	NM	11/5/2006	11/21/2006	11/28/2006	16	7	23
M	MG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/20/2006	11/28/2006	15	8	23
M	MG/KG	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/20/2006	11/30/2006	15	10	25
M	MG/KG	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/20/2006	11/30/2006	16	10	26
M	MG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S2FD11050601	0611056-33	NM	11/5/2006	11/21/2006	11/30/2006	16	9	25
M	MG/KG	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/20/2006	11/30/2006	16	10	26
M	MG/KG	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/20/2006	11/30/2006	16	10	26
M	MG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/20/2006	11/29/2006	16	9	25
M	MG/KG	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/20/2006	11/28/2006	16	8	24
M	MG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/20/2006	11/29/2006	15	9	24
OS	%	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 01
Work Order # 0611056
November, 2006

I certify that, based upon my inquiry of those individuals immediately responsible for obtaining the information and to the best of my knowledge, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Betty DeVille
Inorganic Lab Manager

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

The samples were digested by USEPA SW846 method 3050B and analyzed by method 6010B. Method 7471A was used to analyze Mercury. Note: The "I" flag indicates that the analyte result is between the laboratory reporting limit and the laboratory MDL. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

IV. PREPARATION

The sample was digested by USEPA Method 3005A. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

V. ANALYSIS 11/28/06, 11/29/06, 11/30/06, 12/05/06 (ICAP Metals); 11/17/06, 11/30/06, 12/06/06 (Mercury)

A. Calibration: All calibration criteria were met.

B. Blanks: All blank criteria were met with the following exceptions: The third and sixth CCB in the first ICAP analysis was out of the specification limits of (< ±MDL) for thallium at 3.9 and 3.2 ug/L. All samples impacted had concentrations less than the MDL for

thallium. There was no impact to the sample data.

Both preparation blanks were flagged with an "I" for tin because the concentrations were greater than the MDL but less than the RL. Since they were less than ½ the RL they met the specification limits for the preparation blank.

C. Spikes:

All matrix spikes quality control criteria were met with the following exceptions: The matrix spike and/or the matrix spike duplicate was out of the specification limits for copper at 137.7% and for potassium at 143.5 and 148.5% on sample S2-SS-15-00-1106. The post digestion spike recovery was at 109.7% for copper and 133.1% for potassium. **All associated data is flagged with a "J3" on the final report.** Note: Calcium was over the linear range and the sample concentration was greater four times the spike concentration so the samples would not be flagged and matrix spike data could not be reported. Aluminum, iron, magnesium and sodium had concentrations greater than four times the concentration of the spike, so samples were not flagged according to these spike recoveries.

All matrix spikes quality control criteria were met with the following exceptions: The matrix spike and/or the matrix spike duplicate was out of the specification limits for copper at 126.1% and for potassium at 147.7 and 149.3% on sample S2-SS-20-00-1106. The post digestion spike recovery was at 115.2% for copper and 144.8% for potassium. **All associated data is flagged with a "J3" on the final report.** Note: Calcium was over the linear range and the sample concentration was greater four times the spike concentration so the samples would not be flagged and matrix spike data could not be reported. Aluminum, iron, magnesium and sodium had concentrations greater than four times the concentration of the spike, so samples were not flagged according to these spike recoveries.

D. Duplicates:

All duplicate quality control criteria were met with the following exceptions: The relative percent difference between the matrix spike and the matrix spike duplicate is out of the specification limits of 20% at 29.4% for barium for sample S2-SS-15-00-1106. **All associated data is flagged**

with a "J3" on the final report.

E. Serial Dilutions: All serial dilution quality control criteria were met with the following exception: The serial dilution for zinc was out of the specification limit of (<10% when the sample concentration is >50X the IDL) at 12.2% on sample S2-SS-20-00-1106. **All associated data is flagged with a "J4" on the final report.**

F. Samples: All sample analysis proceeded normally with the following exception: Several samples had negative results for [redacted] due to matrix. [redacted]

G. Laboratory Control Samples: All percent recovery quality control criteria were met.

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 01
Work Order # 0611056
November, 2006

Empirical Laboratories ID	Client ID
0611056-01	Sl-SD-01-00-1106
0611056-02	Sl-SD-02-00-1106
0611056-03	Sl-SD-03-00-1106
0611056-04	Sl-SD-04-00-1106
0611056-05	Sl-SD-05-00-1106
0611056-06	Sl-SD-06-00-1106
0611056-07	Sl-SD-07-00-1106
0611056-08	Sl-SD-08-00-1106
0611056-09	Sl-SD-09-00-1106
0611056-10	SlFD11040602
0611056-11	S2-SS-01-00-1106
0611056-12	S2-SS-02-00-1106
0611056-13	S2-SS-03-00-1106
0611056-14	S2-SS-04-00-1106
0611056-15	S2-SS-05-00-1106
0611056-16	S2-SS-06-00-1106
0611056-17	S2-SS-07-00-1106
0611056-18	S2-SS -08-00-1106
0611056-19	S2-SS -09-00-1106
0611056-20	S2-SS -10-00-1106
0611056-21	S2-SS -11-00-1106
0611056-22	S2-SS -12-00-1106
0611056-23	S2-SS -13-00-1106
0611056-24	S2-SS -14-00-1106
0611056-25	S2-SS -15-00-1106
0611056-26	S2-SS -16-00-1106
0611056-27	S2-SS -17-00-1106
0611056-28	S2-SS -18-00-1106
0611056-29	S2-SS -19-00-1106
0611056-30	S2-SS -20-00-1106
0611056-31	S2-SS -21-00-1106
0611056-32	S2-SS -22-00-1106
0611056-33	S2FD11050601
0611056-34	S5-SD-01-00-1106
0611056-35	S5-SD-02-00-1106
0611056-36	S5-SD-03-00-1106
0611056-37	S5-SD-04-00-1106
0611056-38	S5-SD-05-00-1106
0611056-39	S5FD11060602

Batching Information

SDG No.: KeyWest01
Contract: Tetra Tech NUS, Inc.

Batch Number: ICP112006A - ICP Metals

PBS112006A	PBS112006A	MB	SOIL
LCSS112006A	LCSS112006A	LCS	SOIL
0611056-01	S1-SD-01-00-1106	SAM	SOIL
0611056-02	S1-SD-02-00-1106	SAM	SOIL
0611056-03	S1-SD-03-00-1106	SAM	SOIL
0611056-04	S1-SD-04-00-1106	SAM	SOIL
0611056-05	S1-SD-05-00-1106	SAM	SOIL
0611056-06	S1-SD-06-00-1106	SAM	SOIL
0611056-07	S1-SD-07-00-1106	SAM	SOIL
0611056-08	S1-SD-08-00-1106	SAM	SOIL
0611056-09	S1-SD-09-00-1106	SAM	SOIL
0611056-10	S1FD11040602	SAM	SOIL
0611056-11	S2-SS-01-00-1106	SAM	SOIL
0611056-12	S2-SS-02-00-1106	SAM	SOIL
0611056-13	S2-SS-03-00-1106	SAM	SOIL
0611056-14	S2-SS-04-00-1106	SAM	SOIL
0611056-15	S2-SS-05-00-1106	SAM	SOIL
0611056-16	S2-SS-06-00-1106	SAM	SOIL
0611056-17	S2-SS-07-00-1106	SAM	SOIL
0611056-18	S2-SS-08-00-1106	SAM	SOIL
0611056-19	S2-SS-09-00-1106	SAM	SOIL
0611056-25	S2-SS-15-00-1106	SAM	SOIL
0611056-25S	S2-SS-15-00-1106S	MS	SOIL
0611056-25SD	S2-SS-15-00-1106SD	MSD	SOIL

Batch Number: ICP112106A - ICP Metals

PBS112106A	PBS112106A	MB	SOIL
LCSS112106A	LCSS112106A	LCS	SOIL
0611056-20	S2-SS-10-00-1106	SAM	SOIL
0611056-21	S2-SS-11-00-1106	SAM	SOIL
0611056-22	S2-SS-12-00-1106	SAM	SOIL
0611056-23	S2-SS-13-00-1106	SAM	SOIL
0611056-24	S2-SS-14-00-1106	SAM	SOIL
0611056-26	S2-SS-16-00-1106	SAM	SOIL
0611056-27	S2-SS-17-00-1106	SAM	SOIL
0611056-28	S2-SS-18-00-1106	SAM	SOIL
0611056-29	S2-SS-19-00-1106	SAM	SOIL
0611056-30	S2-SS-20-00-1106	SAM	SOIL
0611056-30S	S2-SS-20-00-1106S	MS	SOIL
0611056-30SD	S2-SS-20-00-1106SD	MSD	SOIL
0611056-31	S2-SS-21-00-1106	SAM	SOIL
0611056-32	S2-SS-22-00-1106	SAM	SOIL
0611056-33	S2FD11050601	SAM	SOIL
0611056-34	S5-SD-01-00-1106	SAM	SOIL
0611056-35	S5-SD-02-00-1106	SAM	SOIL
0611056-36	S5-SD-03-00-1106	SAM	SOIL
0611056-37	S5-SD-04-00-1106	SAM	SOIL
0611056-38	S5-SD-05-00-1106	SAM	SOIL
0611056-39	S5FD11060602	SAM	SOIL

Batching Information

SDG No.: KeyWest01
Contract: Tetra Tech NUS, Inc.

Batch Number: HG111606D – Mercury

LCSS111606D	LCSS111606D	LCS	SOIL
PBS111606D	PBS111606D	MB	SOIL
0611056-01	S1-SD-01-00-1106	SAM	SOIL
0611056-02	S1-SD-02-00-1106	SAM	SOIL
0611056-03	S1-SD-03-00-1106	SAM	SOIL
0611056-04	S1-SD-04-00-1106	SAM	SOIL
0611056-05	S1-SD-05-00-1106	SAM	SOIL
0611056-06	S1-SD-06-00-1106	SAM	SOIL
0611056-07	S1-SD-07-00-1106	SAM	SOIL
0611056-08	S1-SD-08-00-1106	SAM	SOIL
0611056-09	S1-SD-09-00-1106	SAM	SOIL
0611056-10	S1FD11040602	SAM	SOIL

Batch Number: HG112906A – Mercury

LCSS112906A	LCSS112906A	LCS	SOIL
PBS112906A	PBS112906A	MB	SOIL
0611056-11	S2-SS-01-00-1106	SAM	SOIL
0611056-12	S2-SS-02-00-1106	SAM	SOIL
0611056-13	S2-SS-03-00-1106	SAM	SOIL
0611056-14	S2-SS-04-00-1106	SAM	SOIL
0611056-15	S2-SS-05-00-1106	SAM	SOIL
0611056-16	S2-SS-06-00-1106	SAM	SOIL
0611056-17	S2-SS-07-00-1106	SAM	SOIL
0611056-18	S2-SS-08-00-1106	SAM	SOIL
0611056-19	S2-SS-09-00-1106	SAM	SOIL
0611056-20	S2-SS-10-00-1106	SAM	SOIL
0611056-21	S2-SS-11-00-1106	SAM	SOIL
0611056-22	S2-SS-12-00-1106	SAM	SOIL
0611056-23	S2-SS-13-00-1106	SAM	SOIL
0611056-24	S2-SS-14-00-1106	SAM	SOIL
0611056-25	S2-SS-15-00-1106	SAM	SOIL
0611056-25S	S2-SS-15-00-1106S	MS	SOIL
0611056-25SD	S2-SS-15-00-1106SD	MSD	SOIL
0611056-26	S2-SS-16-00-1106	SAM	SOIL
0611056-27	S2-SS-17-00-1106	SAM	SOIL
0611056-28	S2-SS-18-00-1106	SAM	SOIL
0611056-29	S2-SS-19-00-1106	SAM	SOIL
0611056-31	S2-SS-21-00-1106	SAM	SOIL

Batch Number: HG112906B – Mercury

PBS112906B	PBS112906B	MB	SOIL
LCSS112906B	LCSS112906B	LCS	SOIL
0611056-30	S2-SS-20-00-1106	SAM	SOIL
0611056-30S	S2-SS-20-00-1106S	MS	SOIL
0611056-30SD	S2-SS-20-00-1106SD	MSD	SOIL
0611056-32	S2-SS-22-00-1106	SAM	SOIL
0611056-33	S2FD11050601	SAM	SOIL
0611056-34	S5-SD-01-00-1106	SAM	SOIL

Batching Information

SDG No.: KeyWest01
Contract: Tetra Tech NUS, Inc.

Batch Number: HG112906B - Mercury (cont.)

0611056-35	S5-SD-02-00-1106	SAM	SOIL
0611056-36	S5-SD-03-00-1106	SAM	SOIL
0611056-37	S5-SD-04-00-1106	SAM	SOIL
0611056-38	S5-SD-05-00-1106	SAM	SOIL
0611056-39	S5FD11060602	SAM	SOIL

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S1-SD-01-00-1106	0611056-01
S1-SD-02-00-1106	0611056-02
S1-SD-03-00-1106	0611056-03
S1-SD-04-00-1106	0611056-04
S1-SD-05-00-1106	0611056-05
S1-SD-06-00-1106	0611056-06
S1-SD-07-00-1106	0611056-07
S1-SD-08-00-1106	0611056-08
S1-SD-09-00-1106	0611056-09
S1FD11040602	0611056-10
S2-SS-01-00-1106	0611056-11
S2-SS-02-00-1106	0611056-12
S2-SS-03-00-1106	0611056-13
S2-SS-04-00-1106	0611056-14
S2-SS-05-00-1106	0611056-15
S2-SS-06-00-1106	0611056-16
S2-SS-07-00-1106	0611056-17
S2-SS-08-00-1106	0611056-18
S2-SS-09-00-1106	0611056-19
S2-SS-10-00-1106	0611056-20

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

Date: _____ Title: Vice-President

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

OW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S2-SS-11-00-1106	0611056-21
S2-SS-12-00-1106	0611056-22
S2-SS-13-00-1106	0611056-23
S2-SS-14-00-1106	0611056-24
S2-SS-15-00-1106	0611056-25
S2-SS-15-00-1106S	0611056-25S
S2-SS-15-00-1106SD	0611056-25SD
S2-SS-16-00-1106	0611056-26
S2-SS-17-00-1106	0611056-27
S2-SS-18-00-1106	0611056-28
S2-SS-19-00-1106	0611056-29
S2-SS-20-00-1106	0611056-30
S2-SS-20-00-1106S	0611056-30S
S2-SS-20-00-1106SD	0611056-30SD
S2-SS-21-00-1106	0611056-31
S2-SS-22-00-1106	0611056-32
S2FD11050601	0611056-33
S5-SD-01-00-1106	0611056-34
S5-SD-02-00-1106	0611056-35
S5-SD-03-00-1106	0611056-36

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

Date: _____ Title: Vice-President

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S5-SD-04-00-1106	0611056-37
S5-SD-05-00-1106	0611056-38
S5FD11060602	0611056-39

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

Date: _____ Title: Vice-President

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard, Spex

ontinuing Calibration Source: Spex, Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	10000.0	10359.81	103.6	10000.0	10497.86	105.0	10338.08	103.4	P
Antimony	1000.0	955.07	95.5	1000.0	1013.52	101.4	997.49	99.7	P
Arsenic	1000.0	1017.65	101.8	1000.0	1035.88	103.6	1019.22	101.9	P
Barium	1000.0	994.03	99.4	1000.0	1009.63	101.0	995.21	99.5	P
Beryllium	1000.0	1054.40	105.4	1000.0	1075.48	107.5	1060.32	106.0	P
Cadmium	1000.0	1046.75	104.7	1000.0	1040.19	104.0	1026.77	102.7	P
Calcium	1000.0	1033.47	103.3	1000.0	1050.15	105.0	1034.71	103.5	P
Chromium	1000.0	1007.81	100.8	1000.0	1018.94	101.9	1009.84	101.0	P
Cobalt	1000.0	992.46	99.2	1000.0	1012.93	101.3	997.14	99.7	P
Copper	1000.0	1011.25	101.1	1000.0	1034.32	103.4	1019.58	102.0	P
Iron	10000.0	10202.29	102.0	10000.0	10336.09	103.4	10247.75	102.5	P
Lead	1000.0	996.00	99.6	1000.0	1014.65	101.5	1000.36	100.0	P
Magnesium	1000.0	957.12	95.7	1000.0	968.60	96.9	960.29	96.0	P
Manganese	1000.0	1011.15	101.1	1000.0	1038.99	103.9	1029.21	102.9	P
Mercury	4.0	4.17	104.2	2.0/4.0	2.21	110.5	4.35	108.8	AV
Nickel	1000.0	991.87	99.2	1000.0	1019.36	101.9	1008.25	100.8	P
Potassium	10000.0	9715.90	97.2	10000.0	9887.51	98.9	9684.62	96.8	P
Selenium	1000.0	1022.15	102.2	1000.0	1033.46	103.3	1005.18	100.5	P
Silver	500.0	488.65	97.7	500.0	495.05	99.0	488.31	97.7	P
Sodium	11000.0	10515.43	95.6	11000.0	10679.62	97.1	10359.23	94.2	P
Thallium	1000.0	974.20	97.4	1000.0	1018.35	101.8	998.88	99.9	P
Tin	1000.0	982.87	98.3	1000.0	983.80	98.4	959.69	96.0	P
Vanadium	1000.0	1001.72	100.2	1000.0	1014.94	101.5	1006.18	100.6	P
Zinc	1000.0	1012.43	101.2	1000.0	1023.53	102.4	1008.78	100.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10521.53	105.2	10488.84	104.9	P
Antimony				1000.0	1016.40	101.6	1010.72	101.1	P
Arsenic				1000.0	1032.58	103.3	1030.05	103.0	P
Barium				1000.0	1009.48	100.9	1007.85	100.8	P
Beryllium				1000.0	1074.59	107.5	1075.76	107.6	P
Cadmium				1000.0	1040.83	104.1	1044.11	104.4	P
Calcium				1000.0	1051.95	105.2	1105.39	110.5	P
Chromium				1000.0	1025.04	102.5	1028.40	102.8	P
Cobalt				1000.0	1008.87	100.9	1011.08	101.1	P
Copper				1000.0	1036.48	103.6	1035.03	103.5	P
Iron				10000.0	10364.91	103.6	10427.47	104.3	P
Lead				1000.0	1012.94	101.3	1013.52	101.4	P
Magnesium				1000.0	979.86	98.0	984.85	98.5	P
Manganese				1000.0	1044.01	104.4	1048.43	104.8	P
Mercury				4.0	4.22	105.5	4.30	107.5	AV
Nickel				1000.0	1023.10	102.3	1027.12	102.7	P
Potassium				10000.0	9809.37	98.1	9730.70	97.3	P
Selenium				1000.0	1020.39	102.0	1021.05	102.1	P
Silver				500.0	494.55	98.9	493.93	98.8	P
Sodium				11000.0	10464.19	95.1	10422.34	94.7	P
Thallium				1000.0	1013.14	101.3	1008.94	100.9	P
Tin				1000.0	969.00	96.9	967.19	96.7	P
Vanadium				1000.0	1022.21	102.2	1023.73	102.4	P
Zinc				1000.0	1021.50	102.2	1025.84	102.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10488.93	104.9	10414.37	104.1	P
Antimony				1000.0	963.75	96.4	960.14	96.0	P
Arsenic				1000.0	1024.87	102.5	1016.00	101.6	P
Barium				1000.0	1000.92	100.1	996.09	99.6	P
Beryllium				1000.0	1057.99	105.8	1050.62	105.1	P
Cadmium				1000.0	1060.45	106.0	1051.14	105.1	P
Calcium				1000.0	1032.51	103.3	1002.61	100.3	P
Chromium				1000.0	1026.47	102.6	1018.08	101.8	P
Cobalt				1000.0	994.85	99.5	989.34	98.9	P
Copper				1000.0	1023.51	102.4	1017.71	101.8	P
Iron				10000.0	10385.41	103.9	10312.72	103.1	P
Lead				1000.0	1008.70	100.9	1000.93	100.1	P
Magnesium				1000.0	971.82	97.2	964.89	96.5	P
Manganese				1000.0	1027.75	102.8	1020.50	102.0	P
Nickel				1000.0	1007.88	100.8	998.68	99.9	P
Potassium				10000.0	9663.71	96.6	9647.20	96.5	P
Selenium				1000.0	1022.35	102.2	1018.92	101.9	P
Silver				500.0	490.58	98.1	488.70	97.7	P
Sodium				11000.0	10306.25	93.7	10274.89	93.4	P
Thallium				1000.0	969.08	96.9	966.07	96.6	P
Tin				1000.0	962.97	96.3	959.17	95.9	P
Vanadium				1000.0	1020.03	102.0	1011.46	101.1	P
Zinc				1000.0	1016.59	101.7	1006.82	100.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10369.57	103.7	10000.0	10562.38	105.6	10454.29	104.5	P
Antimony	1000.0	968.04	96.8	1000.0	1008.74	100.9	986.01	98.6	P
Barium	1000.0	980.95	98.1	1000.0	1004.19	100.4	992.45	99.2	P
Cadmium	1000.0	1064.00	106.4	1000.0	1047.96	104.8	1042.13	104.2	P
Calcium	1000.0	1049.87	105.0	1000.0	1057.20	105.7	1050.13	105.0	P
Cobalt	1000.0	1003.10	100.3	1000.0	1015.34	101.5	1000.05	100.0	P
Iron	10000.0	10247.82	102.5	10000.0	10401.35	104.0	10426.89	104.3	P
Lead	1000.0	1009.05	100.9	1000.0	1020.28	102.0	1012.45	101.2	P
Manganese	1000.0	1023.83	102.4	1000.0	1047.98	104.8	1049.37	104.9	P
Mercury	4.0	4.13	103.2	4.0	4.10	102.5	4.13	103.2	AV
Nickel	1000.0	1006.97	100.7	1000.0	1025.08	102.5	1020.25	102.0	P
Selenium	1000.0	1031.69	103.2	1000.0	1028.64	102.9	1009.97	101.0	P
Silver	500.0	483.02	96.6	500.0	492.52	98.5	485.28	97.1	P
Sodium	11000.0	10737.65	97.6	11000.0	10947.17	99.5	10712.84	97.4	P
Thallium	1000.0	969.93	97.0	1000.0	1001.91	100.2	984.15	98.4	P
Vanadium	1000.0	1012.36	101.2	1000.0	1019.90	102.0	1020.45	102.0	P
Zinc	1000.0	1032.42	103.2	1000.0	1035.92	103.6	1025.07	102.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10642.48	106.4	10508.73	105.1	P
Antimony				1000.0	1005.22	100.5	973.96	97.4	P
Barium				1000.0	1009.99	101.0	994.19	99.4	P
Cadmium				1000.0	1055.17	105.5	1044.80	104.5	P
Calcium				1000.0	1027.92	102.8	966.01	96.6	P
Cobalt				1000.0	1011.61	101.2	991.32	99.1	P
Iron				10000.0	10587.23	105.9	10397.81	104.0	P
Lead				1000.0	1022.88	102.3	1007.98	100.8	P
Manganese				1000.0	1065.38	106.5	1044.74	104.5	P
Nickel				1000.0	1032.27	103.2	1012.46	101.2	P
Selenium				1000.0	1030.56	103.1	1024.85	102.5	P
Silver				500.0	492.65	98.5	483.29	96.7	P
Sodium				11000.0	10839.94	98.5	10584.64	96.2	P
Thallium				1000.0	993.69	99.4	980.89	98.1	P
Vanadium				1000.0	1035.43	103.5	1022.11	102.2	P
Zinc				1000.0	1033.33	103.3	1012.19	101.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10461.60	104.6	10627.53	106.3	P
Antimony				1000.0	969.83	97.0	986.54	98.7	P
Barium				1000.0	990.16	99.0	1004.37	100.4	P
Cadmium				1000.0	1040.38	104.0	1053.47	105.3	P
Calcium				1000.0	981.07	98.1	1022.90	102.3	P
Cobalt				1000.0	987.45	98.7	1003.35	100.3	P
Iron				10000.0	10359.43	103.6	10478.05	104.8	P
Lead				1000.0	1002.91	100.3	1014.66	101.5	P
Manganese				1000.0	1041.32	104.1	1055.77	105.6	P
Nickel				1000.0	1009.71	101.0	1022.52	102.3	P
Selenium				1000.0	1012.18	101.2	1024.25	102.4	P
Silver				500.0	482.35	96.5	490.25	98.0	P
Sodium				11000.0	10555.14	96.0	10744.66	97.7	P
Thallium				1000.0	976.12	97.6	979.05	97.9	P
Vanadium				1000.0	1018.40	101.8	1030.66	103.1	P
Zinc				1000.0	1011.70	101.2	1024.53	102.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10589.81	105.9	10479.91	104.8	P
Antimony				1000.0	981.27	98.1	982.17	98.2	P
Barium				1000.0	998.33	99.8	994.23	99.4	P
Cadmium				1000.0	1050.28	105.0	1040.95	104.1	P
Calcium				1000.0	1031.71	103.2	993.33	99.3	P
Cobalt				1000.0	1001.42	100.1	996.71	99.7	P
Iron				10000.0	10464.82	104.6	10392.19	103.9	P
Lead				1000.0	1012.28	101.2	1009.04	100.9	P
Manganese				1000.0	1052.36	105.2	1046.25	104.6	P
Nickel				1000.0	1020.15	102.0	1015.75	101.6	P
Selenium				1000.0	1022.88	102.3	1015.83	101.6	P
Silver				500.0	488.20	97.6	484.28	96.9	P
Sodium				11000.0	10706.12	97.3	10675.03	97.0	P
Thallium				1000.0	973.84	97.4	975.61	97.6	P
Vanadium				1000.0	1027.10	102.7	1017.99	101.8	P
Zinc				1000.0	1022.25	102.2	1015.20	101.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Barium	1000.0	984.61	98.5	1000.0	1005.22	100.5	996.24	99.6	P
Calcium	1000.0	1076.22	107.6	1000.0	1076.37	107.6	1045.31	104.5	P
Cobalt	1000.0	1003.50	100.4	1000.0	1014.92	101.5	1002.47	100.2	P
Mercury	4.0	4.17	104.2	4.0	4.09	102.2	4.04	101.0	AV
Sodium	11000.0	10552.06	95.9	11000.0	10583.69	96.2	10472.65	95.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Barium				1000.0	1000.96	100.1	996.48	99.6	P
Calcium				1000.0	1038.45	103.8	1036.70	103.7	P
Cobalt				1000.0	999.27	99.9	992.27	99.2	P
Sodium				11000.0	10428.69	94.8	10440.04	94.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Barium				1000.0	1004.91	100.5	1008.91	100.9	P
Calcium				1000.0	1023.56	102.4	1029.76	103.0	P
Cobalt				1000.0	993.66	99.4	1003.41	100.3	P
Sodium				11000.0	10578.54	96.2	10649.89	96.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium	1000.0	1051.29	105.1	1000.0	1067.05	106.7	1030.05	103.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

nitial Calibration Source: Accustandard,Spex

ontinuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	1042.17	104.2			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2B-IN

CRDL STANDARD FOR AA AND ICP

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

A CRDL Standard Source: _____

CP CRDL Standard Source: Spex

Concentration Units: ug/L

Analyte	True	Found	%R	CRDL Standard for ICP Initial True	Initial Found	Initial %R	Final Found	Final %R
Aluminum								
Antimony				120.0	125.86	104.9		
Arsenic				20.0	20.85	104.2		
Barium								
Beryllium				10.0	11.01	110.1		
Cadmium				10.0	10.39	103.9		
Calcium								
Chromium				20.0	20.84	104.2		
Cobalt				100.0	100.20	100.2		
Copper				50.0	50.64	101.3		
Iron								
Lead				6.0	6.44	107.3		
Magnesium								
Manganese				30.0	31.03	103.4		
Nickel				80.0	80.48	100.6		
Potassium								
Selenium				10.0	10.07	100.7		
Silver				20.0	19.96	99.8		
Sodium								
Thallium				20.0	20.75	103.8		
Tin								
Vanadium				100.0	101.11	101.1		
Zinc				40.0	41.17	102.9		

Control Limits: no limits have been established by EPA at this time

USEPA - CLP

2B-IN

CRDL STANDARD FOR AA AND ICP

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

A CRDL Standard Source: _____

CP CRDL Standard Source: Spex

Concentration Units: ug/L

Analyte	True	Found	%R	CRDL Standard for ICP Initial True	Initial Found	Initial %R	Final Found	Final %R
Aluminum								
Antimony				120.0	128.49	107.1		
Barium								
Cadmium				10.0	10.87	108.7		
Calcium								
Cobalt				100.0	101.69	101.7		
Iron								
Lead				6.0	5.99	99.8		
Manganese				30.0	31.66	105.5		
Nickel				80.0	81.47	101.8		
Selenium				10.0	11.77	117.7		
Silver				20.0	20.17	100.8		
Sodium								
Thallium				20.0	22.61	113.0		
Vanadium				100.0	103.29	103.3		
Zinc				40.0	41.94	104.8		

Control Limits: no limits have been established by EPA at this time

USEPA - CLP

2B-IN

CRDL STANDARD FOR AA AND ICP

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

A CRDL Standard Source: _____

CP CRDL Standard Source: Spex

Concentration Units: ug/L

Analyte	True	Found	%R	CRDL Standard for ICP Initial True	Initial Found	Initial %R	Final Found	Final %R
Barium								
Calcium								
Cobalt				100.0	103.04	103.0		
Sodium								

Control Limits: no limits have been established by EPA at this time

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

reparation Blank Matrix (soil/water): SOIL

reparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	2.500	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U	0.013	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	0.100	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Copper	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	1.500	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	0.075	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Mercury	0.080	U	0.080	U	0.080	U	0.080	U	0.013	U	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.9	I	0.150	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	1.741	I	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

reparation Blank Matrix (soil/water): SOIL

reparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U	2.500	U	P
Antimony			5.0	U	5.0	U	5.0	U	0.250	U	P
Arsenic			3.0	U	3.0	U	3.0	U	0.150	U	P
Barium			5.0	U	5.0	U	5.0	U	0.250	U	P
Beryllium			0.25	U	0.25	U	0.25	U	0.013	U	P
Cadmium			1.0	U	1.0	U	1.0	U	0.050	U	P
Calcium			1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Chromium			2.0	U	2.0	U	2.0	U	0.100	U	P
Cobalt			5.0	U	5.0	U	5.0	U	0.250	U	P
Copper			3.0	U	3.0	U	3.0	U	0.150	U	P
Iron			30.0	U	30.0	U	30.0	U	1.500	U	P
Lead			1.5	U	1.5	U	1.5	U	0.075	U	P
Magnesium			1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Manganese			3.0	U	3.0	U	3.0	U	0.150	U	P
Mercury			0.080	U							AV
Nickel			5.0	U	5.0	U	5.0	U	0.250	U	P
Potassium			1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Selenium			3.0	U	3.0	U	3.0	U	0.150	U	P
Silver			1.0	U	1.0	U	1.0	U	0.050	U	P
Sodium			1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Thallium			3.0	U	3.0	U	3.2	I	0.150	U	P
Tin			10.0	U	10.0	U	10.0	U	1.627	I	P
Vanadium			5.0	U	5.0	U	5.0	U	0.250	U	P
Zinc			5.0	U	5.0	U	5.0	U	0.250	U	P

USEPA - CLP

3

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

reparation Blank Matrix (soil/water): WATER

reparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U			P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U			P
Barium	5.0	U	5.0	U	5.0	U	5.0	U			P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Lead	1.5	U	1.5	U	1.5	U	1.5	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Mercury	0.080	U	0.080	U	0.080	U			0.013	U	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U			P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U			P
Silver	1.0	U	1.0	U	1.0	U	1.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U			P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

reparation Blank Matrix (soil/water): WATER

reparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U	50.0	U			P
Antimony			5.0	U	5.0	U	5.0	U			P
Barium			5.0	U	5.0	U	5.0	U			P
Cadmium			1.0	U	1.0	U	1.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Cobalt			5.0	U	5.0	U	5.0	U			P
Iron			30.0	U	30.0	U	30.0	U			P
Lead			1.5	U	1.5	U	1.5	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Nickel			5.0	U	5.0	U	5.0	U			P
Selenium			3.0	U	3.0	U	3.0	U			P
Silver			1.0	U	1.0	U	1.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			3.0	U	3.0	U	3.0	U			P
Vanadium			5.0	U	5.0	U	5.0	U			P
Zinc			5.0	U	5.0	U	5.0	U			P

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

reparation Blank Matrix (soil/water): WATER

reparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			5.0	U	5.0	U					P
Barium			5.0	U	5.0	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			1000.0	U	1000.0	U					P
Cobalt			5.0	U	5.0	U					P
Iron			30.0	U	30.0	U					P
Lead			1.5	U	1.5	U					P
Manganese			3.0	U	3.0	U					P
Nickel			5.0	U	5.0	U					P
Selenium			3.0	U	3.0	U					P
Silver			1.0	U	1.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			3.0	U	3.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			5.0	U	5.0	U					P

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium	5.0	U	5.0	U	5.0	U	5.0	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U			P
Mercury	0.080	U	0.080	U	0.080	U			0.013	U	AV
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Barium			5.0	U	5.0	U	5.0	U			P
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Cobalt			5.0	U	5.0	U	5.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

ICP ID Number: TJA61E TRACE ICP Date: 03/08/06

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Aluminum	308.22		200.0	50.0	P
Antimony	206.84		60.0	5.0	P
Arsenic	189.04		10.0	3.0	P
Barium	493.41		200.0	5.0	P
Beryllium	313.04		5.0	0.25	P
Cadmium	226.50		5.0	1.0	P
Calcium	317.93		5000.0	1000.0	P
Chromium	267.72		10.0	2.0	P
Cobalt	228.62		50.0	5.0	P
Copper	324.75		25.0	3.0	P
Iron	271.44		100.0	30.0	P
Lead	220.35		3.0	1.5	P
Magnesium	279.08		5000.0	1000.0	P
Manganese	257.61		15.0	3.0	P
Nickel	231.60		40.0	5.0	P
Potassium	766.49		5000.0	1000.0	P
Selenium	196.02		5.0	3.0	P
Silver	328.07		10.0	1.0	P
Sodium	330.23		5000.0	1000.0	P
Thallium	190.86		10.0	3.0	P
Tin	189.99		100.0	10.0	P
Vanadium	292.40		50.0	5.0	P
Zinc	206.84		20.0	5.0	P

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

ICP ID Number: _____ Date: 05/16/06

Flame AA ID Number: PE CVAA

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Mercury	253.70		0.20	0.08	AV

Comments: _____

USEPA - CLP

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

ICP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000.0	P
Antimony	15.00	10000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	5000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	10000.0	P
Calcium	15.00	100000.0	P
Chromium	15.00	10000.0	P
Cobalt	15.00	10000.0	P
Copper	15.00	10000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	10000.0	P
Nickel	15.00	10000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	2000.0	P
Sodium	15.00	100000.0	P
Thallium	15.00	10000.0	P
Tin	15.00	25000.0	P
Vanadium	15.00	50000.0	P
Zinc	15.00	10000.0	P

Comments: _____

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Method: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112006A	11/20/06	2.00	100.0
LCSS112006A	11/20/06	2.00	100.0
S1-SD-01-00-1106	11/20/06	2.00	100.0
S1-SD-02-00-1106	11/20/06	2.03	100.0
S1-SD-03-00-1106	11/20/06	2.05	100.0
S1-SD-04-00-1106	11/20/06	2.08	100.0
S1-SD-05-00-1106	11/20/06	2.03	100.0
S1-SD-06-00-1106	11/20/06	2.08	100.0
S1-SD-07-00-1106	11/20/06	2.09	100.0
S1-SD-08-00-1106	11/20/06	2.11	100.0
S1-SD-09-00-1106	11/20/06	2.09	100.0
S1FD11040602	11/20/06	2.09	100.0
S2-SS-01-00-1106	11/20/06	2.04	100.0
S2-SS-02-00-1106	11/20/06	2.09	100.0
S2-SS-03-00-1106	11/20/06	2.00	100.0
S2-SS-04-00-1106	11/20/06	2.03	100.0
S2-SS-05-00-1106	11/20/06	2.08	100.0
S2-SS-06-00-1106	11/20/06	2.09	100.0
S2-SS-07-00-1106	11/20/06	2.15	100.0
S2-SS-08-00-1106	11/20/06	2.00	100.0
S2-SS-09-00-1106	11/20/06	2.08	100.0
S2-SS-15-00-1106	11/20/06	2.00	100.0
S2-SS-15-00-1106S	11/20/06	2.00	100.0
S2-SS-15-00-1106SD	11/20/06	2.00	100.0

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Method: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112106A	11/21/06	2.00	100.0
LCSS112106A	11/21/06	2.00	100.0
S2-SS-10-00-1106	11/21/06	2.06	100.0
S2-SS-11-00-1106	11/21/06	2.03	100.0
S2-SS-12-00-1106	11/21/06	2.04	100.0
S2-SS-13-00-1106	11/21/06	2.10	100.0
S2-SS-14-00-1106	11/21/06	2.00	100.0
S2-SS-16-00-1106	11/21/06	2.01	100.0
S2-SS-17-00-1106	11/21/06	2.00	100.0
S2-SS-18-00-1106	11/21/06	2.01	100.0
S2-SS-19-00-1106	11/21/06	2.05	100.0
S2-SS-20-00-1106	11/21/06	2.15	100.0
S2-SS-20-00-1106S	11/21/06	2.09	100.0
S2-SS-20-00-1106SD	11/21/06	2.13	100.0
S2-SS-21-00-1106	11/21/06	2.19	100.0
S2-SS-22-00-1106	11/21/06	2.03	100.0
S2FD11050601	11/21/06	1.99	100.0
S5-SD-01-00-1106	11/21/06	2.00	100.0
S5-SD-02-00-1106	11/21/06	2.15	100.0
S5-SD-03-00-1106	11/21/06	2.07	100.0
S5-SD-04-00-1106	11/21/06	2.08	100.0
S5-SD-05-00-1106	11/21/06	2.03	100.0
S5FD11060602	11/21/06	2.01	100.0

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
LCSS111606D	11/16/06	0.30	50.0
PBS111606D	11/16/06	0.30	50.0
S1-SD-01-00-1106	11/16/06	0.30	50.0
S1-SD-02-00-1106	11/16/06	0.36	50.0
S1-SD-03-00-1106	11/16/06	0.30	50.0
S1-SD-04-00-1106	11/16/06	0.34	50.0
S1-SD-05-00-1106	11/16/06	0.30	50.0
S1-SD-06-00-1106	11/16/06	0.32	50.0
S1-SD-07-00-1106	11/16/06	0.30	50.0
S1-SD-08-00-1106	11/16/06	0.35	50.0
S1-SD-09-00-1106	11/16/06	0.31	50.0
S1FD11040602	11/16/06	0.30	50.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
LCSS112906A	11/29/06	0.30	50.0
PBS112906A	11/29/06	0.30	50.0
S2-SS-01-00-1106	11/29/06	0.33	50.0
S2-SS-02-00-1106	11/29/06	0.30	50.0
S2-SS-03-00-1106	11/29/06	0.30	50.0
S2-SS-04-00-1106	11/29/06	0.31	50.0
S2-SS-05-00-1106	11/29/06	0.32	50.0
S2-SS-06-00-1106	11/29/06	0.32	50.0
S2-SS-07-00-1106	11/29/06	0.31	50.0
S2-SS-08-00-1106	11/29/06	0.32	50.0
S2-SS-09-00-1106	11/29/06	0.38	50.0
S2-SS-10-00-1106	11/29/06	0.33	50.0
S2-SS-11-00-1106	11/29/06	0.32	50.0
S2-SS-12-00-1106	11/29/06	0.31	50.0
S2-SS-13-00-1106	11/29/06	0.36	50.0
S2-SS-14-00-1106	11/29/06	0.30	50.0
S2-SS-15-00-1106	11/29/06	0.30	50.0
S2-SS-15-00-1106S	11/29/06	0.30	50.0
S2-SS-15-00-1106SD	11/29/06	0.30	50.0
S2-SS-16-00-1106	11/29/06	0.36	50.0
S2-SS-17-00-1106	11/29/06	0.30	50.0
S2-SS-18-00-1106	11/29/06	0.31	50.0
S2-SS-19-00-1106	11/29/06	0.30	50.0
S2-SS-21-00-1106	11/29/06	0.32	50.0

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Method: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112906B	11/29/06	0.30	50.0
LCSS112906B	11/29/06	0.30	50.0
S2-SS-20-00-1106	11/29/06	0.32	50.0
S2-SS-20-00-1106S	11/29/06	0.30	50.0
S2-SS-20-00-1106SD	11/29/06	0.30	50.0
S2-SS-22-00-1106	11/29/06	0.30	50.0
S2FD11050601	11/29/06	0.30	50.0
S5-SD-01-00-1106	11/29/06	0.35	50.0
S5-SD-02-00-1106	11/29/06	0.33	50.0
S5-SD-03-00-1106	11/29/06	0.34	50.0
S5-SD-04-00-1106	11/29/06	0.35	50.0
S5-SD-05-00-1106	11/29/06	0.30	50.0
S5FD11060602	11/29/06	0.33	50.0

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	0915		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X		*
S	1.00	0920		X			X							X		X							X						
S	1.00	0926			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*
S	1.00	0933								X										X			X					
ZZZZZZ	1.00	0943																										
S0	1.00	0954																			X							
ZZZZZZ	1.00	1002																										
ZZZZZZ	1.00	1007																										
ZZZZZZ	1.00	1013																										
ZZZZZZ	1.00	1023																										
ZZZZZZ	1.00	1031																										
ZZZZZZ	1.00	1038																										
ICV1	1.00	1049		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICB1	1.00	1059		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1105																										
ZZZZZZ	1.00	1113																										
ZZZZZZ	1.00	1119																										
ZZZZZZ	1.00	1126																										
ZZZZZZ	1.00	1132																										
ZZZZZZ	1.00	1139																										
CRDL1	1.00	1145		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-0	1.00	1151		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-0	1.00	1158		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1206																										
ZZZZZZ	1.00	1213																										
ZZZZZZ	1.00	1219																										
CCV1	1.00	1227		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB1	1.00	1236		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
PBS112006A	1.00	1243		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
LCSS112006A	1.00	1249		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S1-SD-01-00-1106	1.00	1258		X	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X		X		X	X			*
S1-SD-02-00-1106	1.00	1304		X	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X		X		X	X	X		*
S1-SD-03-00-1106	1.00	1311		X	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1-SD-04-00-1106	1.00	1317		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1-SD-05-00-1106	1.00	1323		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1-SD-06-00-1106	1.00	1330		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1-SD-07-00-1106	1.00	1336		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1-SD-08-00-1106	1.00	1342		X	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		*

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																													
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S1-SD-09-00-1106	1.00	1349		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S1FD11040602	1.00	1355		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
CCV2	1.00	1405		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB2	1.00	1423		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-01-00-1106	1.00	1429				X	X	X			X		X			X				X			X					*
S2-SS-02-00-1106	1.00	1436		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SS-03-00-1106	1.00	1442		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-04-00-1106	1.00	1448		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SS-05-00-1106	1.00	1455		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-06-00-1106	1.00	1501		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SS-07-00-1106	1.00	1507		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-08-00-1106	1.00	1514		X	X	X		X	X		X		X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-09-00-1106	1.00	1520		X	X	X		X	X		X		X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-15-00-1106	1.00	1527		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-15-00-1106S	1.00	1533		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-15-00-1106SD	1.00	1539		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-15-00-1106A	1.00	1546		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-15-00-1106L	5.00	1553		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCV3	1.00	1602		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB3	1.00	1613		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-1	1.00	1619		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-1	1.00	1640		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
PBS112106A	1.00	1652		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
LCSS112106A	1.00	1658		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-10-00-1106	1.00	1707		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SS-11-00-1106	1.00	1713		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-12-00-1106	1.00	1720		X	X	X		X	X		X		X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-13-00-1106	1.00	1726		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SS-14-00-1106	1.00	1732		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-16-00-1106	1.00	1739		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-17-00-1106	1.00	1745		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-18-00-1106	1.00	1751		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCV4	1.00	1801		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB4	1.00	1812		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-19-00-1106	1.00	1819		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-20-00-1106	1.00	1825		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-20-00-1106S	1.00	1831		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-20-00-1106SD	1.00	1838		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S2-SS-20-00-1106A	1.00	1844		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-20-00-1106L	5.00	1852		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-21-00-1106	1.00	1858		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SS-22-00-1106	1.00	1904		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2FD11050601	1.00	1911		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-01-00-1106	1.00	1917		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-02-00-1106	1.00	1924		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-03-00-1106	1.00	1930		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-04-00-1106	1.00	1936		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-05-00-1106	1.00	1943		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
CCV5	1.00	1953		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB5	1.00	2005		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S5FD11060602	1.00	2011		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
ZZZZZZ	1.00	2018																										
ICSA-2	1.00	2024		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-2	1.00	2030		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	2039																										
CCV6	1.00	2049		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB6	1.00	2100		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN											
S0	1.00	09:15												X																
S	1.00	09:20																												
S	1.00	09:26												X																
S	1.00	09:33																												
ZZZZZZ	1.00	09:43																												
S0	1.00	09:54																												
ZZZZZZ	1.00	10:02																												
ZZZZZZ	1.00	10:07																												
ZZZZZZ	1.00	10:13																												
ZZZZZZ	1.00	10:23																												
ZZZZZZ	1.00	10:31																												
ZZZZZZ	1.00	10:38																												
ICV1	1.00	10:49												X																
ICB1	1.00	10:59												X																
ZZZZZZ	1.00	11:05																												
ZZZZZZ	1.00	11:13																												
ZZZZZZ	1.00	11:19																												
ZZZZZZ	1.00	11:26																												
ZZZZZZ	1.00	11:32																												
ZZZZZZ	1.00	11:39																												
CRDL1	1.00	11:45												X																
ICSA-0	1.00	11:51												X																
ICSAB-0	1.00	11:58												X																
ZZZZZZ	1.00	12:06																												
ZZZZZZ	1.00	12:13																												
ZZZZZZ	1.00	12:19																												
CCV1	1.00	12:27												X																
CCB1	1.00	12:36												X																
PBS112006A	1.00	12:43												X																
LCSS112006A	1.00	12:49												X																
S1-SD-01-00-1106	1.00	12:58												X																
S1-SD-02-00-1106	1.00	13:04												X																
S1-SD-03-00-1106	1.00	13:11												X																
S1-SD-04-00-1106	1.00	13:17												X																
S1-SD-05-00-1106	1.00	13:23												X																

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN									
S1-SD-06-00-1106	1.00	13:30												X														
S1-SD-07-00-1106	1.00	13:36												X														
S1-SD-08-00-1106	1.00	13:42												X														
S1-SD-09-00-1106	1.00	13:49												X														
S1FD11040602	1.00	13:55												X														
CCV2	1.00	14:05												X														
CCB2	1.00	14:23												X														
S2-SS-01-00-1106	1.00	14:29												X														
S2-SS-02-00-1106	1.00	14:36												X														
S2-SS-03-00-1106	1.00	14:42												X														
S2-SS-04-00-1106	1.00	14:48												X														
S2-SS-05-00-1106	1.00	14:55												X														
S2-SS-06-00-1106	1.00	15:01												X														
S2-SS-07-00-1106	1.00	15:07												X														
S2-SS-08-00-1106	1.00	15:14												X														
S2-SS-09-00-1106	1.00	15:20												X														
S2-SS-15-00-1106	1.00	15:27												X														
S2-SS-15-00-1106S	1.00	15:33												X														
S2-SS-15-00-1106SD	1.00	15:39												X														
S2-SS-15-00-1106A	1.00	15:46												X														
S2-SS-15-00-1106L	5.00	15:53												X														
CCV3	1.00	16:02												X														
CCB3	1.00	16:13												X														
ICSA-1	1.00	16:19												X														
ICSAB-1	1.00	16:40												X														
PBS112106A	1.00	16:52												X														
LCSS112106A	1.00	16:58												X														
S2-SS-10-00-1106	1.00	17:07												X														
S2-SS-11-00-1106	1.00	17:13												X														
S2-SS-12-00-1106	1.00	17:20												X														
S2-SS-13-00-1106	1.00	17:26												X														
S2-SS-14-00-1106	1.00	17:32												X														
S2-SS-16-00-1106	1.00	17:39												X														
S2-SS-17-00-1106	1.00	17:45												X														
S2-SS-18-00-1106	1.00	17:51												X														

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN									
CCV4	1.00	18:01												X														
CCB4	1.00	18:12												X														
S2-SS-19-00-1106	1.00	18:19												X														
S2-SS-20-00-1106	1.00	18:25												X														
S2-SS-20-00-1106S	1.00	18:31												X														
S2-SS-20-00-1106SD	1.00	18:38												X														
S2-SS-20-00-1106A	1.00	18:44												X														
S2-SS-20-00-1106L	5.00	18:52												X														
S2-SS-21-00-1106	1.00	18:58												X														
S2-SS-22-00-1106	1.00	19:04												X														
S2FD11050601	1.00	19:11												X														
S5-SD-01-00-1106	1.00	19:17												X														
S5-SD-02-00-1106	1.00	19:24												X														
S5-SD-03-00-1106	1.00	19:30												X														
S5-SD-04-00-1106	1.00	19:36												X														
S5-SD-05-00-1106	1.00	19:43												X														
CCV5	1.00	19:53												X														
CCB5	1.00	20:05												X														
S5FD11060602	1.00	20:11												X														
ZZZZZZ	1.00	20:18																										
ICSA-2	1.00	20:24												X														
ICSAB-2	1.00	20:30												X														
ZZZZZZ	1.00	20:39																										
CCV6	1.00	20:49												X														
CCB6	1.00	21:00												X														

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S	1.00	0924		X			X							X								X								
S	1.00	0929			X				X			X			X		X		X		X			X	X	X			
S	1.00	0935								X													X							
S0	1.00	1015		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
ZZZZZZ	1.00	1020																												
ZZZZZZ	1.00	1026																												
ZZZZZZ	1.00	1032																												
ZZZZZZ	1.00	1041																												
ZZZZZZ	1.00	1048																												
ICV2	1.00	1101		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
ICB2	1.00	1111		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
ZZZZZZ	1.00	1118																												
ZZZZZZ	1.00	1126																												
ZZZZZZ	1.00	1132																												
ZZZZZZ	1.00	1139																												
ZZZZZZ	1.00	1145																												
ZZZZZZ	1.00	1151																												
CRDL1	1.00	1158		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
ZZZZZZ	1.00	1204																												
ZZZZZZ	1.00	1210																												
ZZZZZZ	1.00	1219																												
ZZZZZZ	1.00	1226																												
ZZZZZZ	1.00	1232																												
CCV1	1.00	1244		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
CCB1	1.00	1255		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X			
ZZZZZZ	1.00	1302																												
ZZZZZZ	1.00	1308																												
ZZZZZZ	1.00	1314																												
ZZZZZZ	1.00	1321																												
ZZZZZZ	1.00	1327																												
ZZZZZZ	1.00	1333																												
ZZZZZZ	1.00	1340																												
ZZZZZZ	5.00	1347																												
ZZZZZZ	1.00	1354																												
ZZZZZZ	1.00	1400																												
ZZZZZZ	1.00	1408																												
ZZZZZZ	1.00	1414																												
ZZZZZZ	1.00	1421																												

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1427																										
ZZZZZZ	1.00	1437																										
ZZZZZZ	1.00	1451																										
ZZZZZZ	1.00	1458																										
ZZZZZZ	1.00	1504																										
ZZZZZZ	1.00	1510																										
ZZZZZZ	1.00	1517																										
ZZZZZZ	1.00	1523																										
ZZZZZZ	1.00	1529																										
ZZZZZZ	1.00	1536																										
ZZZZZZ	1.00	1542																										
ZZZZZZ	1.00	1548																										
ZZZZZZ	1.00	1555																										
CCV2	1.00	1605		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB2	1.00	1616		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ICSA-1	1.00	1625		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ICSAB-1	1.00	1631		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZ	1.00	1643																										
ZZZZZZ	1.00	1649																										
ZZZZZZ	1.00	1658																										
ZZZZZZ	1.00	1704																										
ZZZZZZ	1.00	1711																										
ZZZZZZ	1.00	1717																										
ZZZZZZ	1.00	1724																										
ZZZZZZ	1.00	1730																										
ZZZZZZ	1.00	1736																										
ZZZZZZ	1.00	1743																										
ZZZZZZ	1.00	1749																										
ZZZZZZ	5.00	1757																										
ZZZZZZ	1.00	1803																										
ZZZZZZ	1.00	1809																										
CCV3	1.00	1818		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB3	1.00	1829		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZ	1.00	1836																										
ZZZZZZ	1.00	1842																										
ZZZZZZ	1.00	1848																										
ZZZZZZ	1.00	1855																										
ZZZZZZ	1.00	1901																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1907																										
ZZZZZZ	1.00	1914																										
ZZZZZZ	1.00	1920																										
ZZZZZZ	1.00	1927																										
ZZZZZZ	1.00	1933																										
CCV4	1.00	1942		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB4	1.00	1953		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZ	1.00	1959																										
S1-SD-01-00-1106	50.00	2006								X																		
S1-SD-01-00-1106	5.00	2012																			X		X			X		
S1-SD-02-00-1106	50.00	2018								X																		
S1-SD-02-00-1106	2.00	2025																			X		X					
S1-SD-03-00-1106	50.00	2031								X																		
S1-SD-03-00-1106	2.00	2037																					X					
S1-SD-04-00-1106	5.00	2044																					X					
S1-SD-05-00-1106	5.00	2050																					X					
S1-SD-06-00-1106	5.00	2057																					X					
CCV5	1.00	2105		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB5	1.00	2116		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
S1-SD-07-00-1106	5.00	2123																					X					
S1-SD-08-00-1106	10.00	2129								X																		
S1-SD-08-00-1106	5.00	2136																					X					
S1-SD-09-00-1106	5.00	2142																					X					
S1FD11040602	5.00	2148								X													X					
S2-SS-01-00-1106	25.00	2155		X	X				X	X		X		X	X		X		X		X	X		X	X	X	
ZZZZZZ	1.00	2201																										
ZZZZZZ	1.00	2209																										
S2-SS-02-00-1106	2.00	2215																					X					
ZZZZZZ	1.00	2221																										
CCV6	1.00	2230		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB6	1.00	2241		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZ	1.00	2248																										
S2-SS-04-00-1106	2.00	2254																					X					
ZZZZZZ	1.00	2300																										
ZZZZZZ	1.00	2307																										
S2-SS-06-00-1106	2.00	2313																					X					
ZZZZZZ	1.00	2320																										
ZZZZZZ	1.00	2326																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S2-SS-08-00-1106	5.00	2332					X					X															
ZZZZZZ	1.00	2339																									
ZZZZZZ	1.00	2345																									
CCV7	1.00	2354		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB7	1.00	0004		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
S2-SS-09-00-1106	5.00	0010					X					X																
ZZZZZZ	1.00	0017																										
ZZZZZZ	5.00	0023																										
ICSA-2	1.00	0032		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ICSAB-2	1.00	0038		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
ZZZZZZ	1.00	0047																										
CCV8	1.00	0056		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	
CCB8	1.00	0107		X	X		X		X	X		X		X	X		X		X		X	X	X	X	X	X	

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0939					X			X		X											X				
S	1.00	0945					X																				
S	1.00	0951										X															
S	1.00	0959								X													X				
ZZZZZZ	1.00	1008																									
ZZZZZZ	1.00	1014																									
ZZZZZZ	1.00	1021																									
ZZZZZZ	1.00	1030																									
ICV3	1.00	1047					X			X		X											X				
ICB3	1.00	1057					X			X		X											X				
ZZZZZZ	1.00	1103																									
ZZZZZZ	1.00	1111																									
ZZZZZZ	1.00	1118																									
ZZZZZZ	1.00	1124																									
ZZZZZZ	1.00	1131																									
ZZZZZZ	1.00	1137																									
CRDL1	1.00	1143					X			X		X											X				
ICSA-0	1.00	1150					X			X		X											X				
ICSAB-0	1.00	1156					X			X		X											X				
ZZZZZZ	1.00	1205																									
S1-SD-09-00-1106	10.00	1211								X																	
ZZZZZZ	1.00	1217																									
CCV1	1.00	1247					X			X		X											X				
CCB1	1.00	1257					X			X		X											X				
S2-SS-02-00-1106	100.00	1304								X																	
S2-SS-03-00-1106	50.00	1310								X																	
S2-SS-04-00-1106	100.00	1316								X																	
S2-SS-05-00-1106	100.00	1323								X																	
S2-SS-06-00-1106	100.00	1329								X																	
S2-SS-07-00-1106	100.00	1335								X																	
S2-SS-08-00-1106	50.00	1342								X																	
S2-SS-09-00-1106	100.00	1348								X																	
S2-SS-15-00-1106	100.00	1354								X																	
S2-SS-15-00-1106L	500.00	1401								X																	
CCV2	1.00	1409					X			X		X											X				
CCB2	1.00	1419					X			X		X											X				
S2-SS-10-00-1106	100.00	1426								X																	
S2-SS-10-00-1106	2.00	1432																					X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S2-SS-11-00-1106	100.00	1438								X																	
S2-SS-12-00-1106	100.00	1445								X																	
S2-SS-12-00-1106	2.00	1451					X					X															
S2-SS-13-00-1106	100.00	1458								X																	
S2-SS-13-00-1106	2.00	1504																				X					
S2-SS-14-00-1106	100.00	1510								X																	
S2-SS-16-00-1106	100.00	1518								X																	
S2-SS-17-00-1106	100.00	1524								X																	
CCV3	1.00	1533					X			X		X										X					
CCB3	1.00	1543					X			X		X										X					
S2-SS-20-00-1106	100.00	1549								X																	
S2-SS-20-00-1106L	500.00	1555								X																	
S2-SS-21-00-1106	100.00	1602								X																	
S2-SS-22-00-1106	100.00	1608								X																	
S2FD11050601	100.00	1614								X																	
S2FD11050601	2.00	1621																				X					
S5-SD-01-00-1106	50.00	1627								X																	
S5-SD-01-00-1106	5.00	1634																				X					
S5-SD-02-00-1106	50.00	1640								X																	
S5-SD-02-00-1106	5.00	1646																				X					
CCV4	1.00	1656					X			X		X										X					
CCB4	1.00	1707					X			X		X										X					
S5-SD-03-00-1106	50.00	1714								X																	
S5-SD-03-00-1106	5.00	1720																				X					
S5-SD-04-00-1106	50.00	1726								X																	
S5-SD-04-00-1106	5.00	1733																				X					
S5-SD-05-00-1106	50.00	1739								X																	
S5-SD-05-00-1106	5.00	1745																				X					
S5FD11060602	25.00	1752								X																	
S5FD11060602	5.00	1758																				X					
ZZZZZZ	1.00	1805																									
CCV5	1.00	1813					X			X		X										X					
CCB5	1.00	1823					X			X		X										X					
ICSA-1	1.00	1830					X			X		X										X					
ICSAB-1	1.00	1836					X			X		X										X					
ZZZZZZ	1.00	1845																									
ZZZZZZ	1.00	1851																									
ZZZZZZ	1.00	1857																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	1906																												
ZZZZZZ	1.00	1913																												
ZZZZZZ	1.00	1919																												
ZZZZZZ	1.00	1925																												
ZZZZZZ	1.00	1932																												
ZZZZZZ	1.00	1938																												
ZZZZZZ	1.00	1944																												
ZZZZZZ	1.00	1951																												
CCV6	1.00	1959					X			X		X											X							
CCB6	1.00	2011					X			X		X											X							

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S0	1.00	0925								X																				
ZZZZZZ	1.00	0931																												
ZZZZZZ	1.00	0937																												
S	1.00	0946								X																				
ZZZZZZ	1.00	0956																												
ZZZZZZ	1.00	1002																												
ZZZZZZ	1.00	1008																												
ZZZZZZ	1.00	1017																												
ZZZZZZ	1.00	1023																												
ICV4	1.00	1034								X																				
ICB4	1.00	1044								X																				
ZZZZZZ	1.00	1050																												
ZZZZZZ	1.00	1059																												
ZZZZZZ	1.00	1105																												
ZZZZZZ	1.00	1112																												
ZZZZZZ	1.00	1118																												
ZZZZZZ	1.00	1124																												
CRDL1	1.00	1131								X																				
ICSA-0	1.00	1137								X																				
ICSAB-0	1.00	1143								X																				
ZZZZZZ	1.00	1152																												
ZZZZZZ	1.00	1158																												
ZZZZZZ	1.00	1205																												
CCV1	1.00	1218								X																				
CCB1	1.00	1228								X																				
ZZZZZZ	1.00	1234																												
ZZZZZZ	1.00	1240																												
ZZZZZZ	1.00	1247																												
ZZZZZZ	1.00	1253																												
ZZZZZZ	1.00	1259																												
ZZZZZZ	1.00	1306																												
ZZZZZZ	1.00	1312																												
ZZZZZZ	1.00	1320																												
ZZZZZZ	1.00	1326																												
ZZZZZZ	1.00	1335																												
ZZZZZZ	1.00	1341																												
ZZZZZZ	1.00	1347																												
ZZZZZZ	1.00	1354																												

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1400																								
ZZZZZZ	1.00	1406																								
ZZZZZZ	1.00	1415																								
ZZZZZZ	1.00	1425																								
ZZZZZZ	1.00	1431																								
ZZZZZZ	1.00	1438																								
ZZZZZZ	1.00	1444																								
ZZZZZZ	1.00	1450																								
ZZZZZZ	1.00	1457																								
ZZZZZZ	5.00	1506																								
ZZZZZZ	5.00	1512																								
ZZZZZZ	1.00	1518																								
ZZZZZZ	1.00	1525																								
ZZZZZZ	1.00	1531																								
ZZZZZZ	1.00	1540																								
ZZZZZZ	1.00	1550																								
ZZZZZZ	1.00	1556																								
ZZZZZZ	1.00	1602																								
ZZZZZZ	1.00	1609																								
ZZZZZZ	1.00	1615																								
ZZZZZZ	1.00	1621																								
ZZZZZZ	1.00	1630																								
ZZZZZZ	1.00	1636																								
ZZZZZZ	1.00	1642																								
ZZZZZZ	1.00	1649																								
ZZZZZZ	1.00	1655																								
CCV2	1.00	1705								X																
CCB2	1.00	1716								X																
ZZZZZZ	1.00	1723																								
ZZZZZZ	1.00	1729																								
ZZZZZZ	1.00	1735																								
S2-SS-18-00-1106	100.00	1742								X																
S2-SS-19-00-1106	100.00	1748								X																
ZZZZZZ	1.00	1754																								
ZZZZZZ	1.00	1801																								
ZZZZZZ	1.00	1807																								
ZZZZZZ	1.00	1815																								
ICSA-1	1.00	1821								X																

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB-1	1.00	1827								X																
ZZZZZZ	1.00	1836																								
CCV3	1.00	1845								X																
CCB3	1.00	1855								X																

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/17/06 End Date: 11/17/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1102																X								
S0.20	1.00	1103																X								
S0.50	1.00	1104																X								
S1.0	1.00	1105																X								
S2.0	1.00	1106																X								
S4.0	1.00	1107																X								
S6.0	1.00	1109																X								
S10.0	1.00	1110																X								
ICV1	1.00	1113																X								
ICB1	1.00	1115																X								
ZZZZZZ	1.00	1116																								
ZZZZZZ	1.00	1117																								
ZZZZZZ	1.00	1118																								
ZZZZZZ	1.00	1119																								
ZZZZZZ	1.00	1120																								
ZZZZZZ	1.00	1122																								
ZZZZZZ	1.00	1123																								
ZZZZZZ	1.00	1124																								
ZZZZZZ	1.00	1125																								
ZZZZZZ	1.00	1127																								
ZZZZZZ	1.00	1128																								
ZZZZZZ	1.00	1129																								
ZZZZZZ	1.00	1130																								
ZZZZZZ	1.00	1131																								
ZZZZZZ	1.00	1132																								
ZZZZZZ	1.00	1134																								
ZZZZZZ	1.00	1135																								
ZZZZZZ	1.00	1136																								
ZZZZZZ	1.00	1138																								
ZZZZZZ	1.00	1139																								
ZZZZZZ	1.00	1140																								
ZZZZZZ	1.00	1142																								
ZZZZZZ	1.00	1143																								
ZZZZZZ	1.00	1144																								
ZZZZZZ	1.00	1145																								
ZZZZZZ	1.00	1146																								
ZZZZZZ	1.00	1147																								
ZZZZZZ	1.00	1149																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/17/06 End Date: 11/17/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1150																								
ZZZZZZ	1.00	1151																								
ZZZZZZ	1.00	1152																								
ZZZZZZ	1.00	1153																								
ZZZZZZ	1.00	1155																								
ZZZZZZ	1.00	1156																								
ZZZZZZ	1.00	1157																								
ZZZZZZ	1.00	1159																								
ZZZZZZ	1.00	1200																								
ZZZZZZ	1.00	1201																								
ZZZZZZ	1.00	1202																								
ZZZZZZ	1.00	1203																								
ZZZZZZ	1.00	1204																								
ZZZZZZ	1.00	1206																								
ZZZZZZ	1.00	1207																								
ZZZZZZ	1.00	1208																								
ZZZZZZ	1.00	1209																								
ZZZZZZ	1.00	1211																								
ZZZZZZ	1.00	1212																								
ZZZZZZ	1.00	1213																								
ZZZZZZ	1.00	1215																								
ZZZZZZ	1.00	1216																								
ZZZZZZ	1.00	1217																								
ZZZZZZ	1.00	1219																								
ZZZZZZ	1.00	1220																								
ZZZZZZ	1.00	1221																								
ZZZZZZ	1.00	1222																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	1.00	1225																								
ZZZZZZ	1.00	1226																								
ZZZZZZ	1.00	1227																								
ZZZZZZ	1.00	1228																								
ZZZZZZ	1.00	1229																								
ZZZZZZ	1.00	1230																								
ZZZZZZ	1.00	1232																								
ZZZZZZ	1.00	1233																								
ZZZZZZ	1.00	1234																								
ZZZZZZ	1.00	1235																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/17/06 End Date: 11/17/06

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1237																								
ZZZZZZ	1.00	1238																								
ZZZZZZ	1.00	1239																								
ZZZZZZ	1.00	1240																								
ZZZZZZ	1.00	1242																								
ZZZZZZ	1.00	1243																								
ZZZZZZ	1.00	1244																								
ZZZZZZ	1.00	1245																								
ZZZZZZ	1.00	1246																								
ZZZZZZ	1.00	1247																								
ZZZZZZ	1.00	1249																								
ZZZZZZ	1.00	1250																								
ZZZZZZ	1.00	1251																								
ZZZZZZ	1.00	1253																								
ZZZZZZ	1.00	1254																								
ZZZZZZ	1.00	1255																								
CCV1	1.00	1256																X								
CCB1	1.00	1257																X								
ZZZZZZ	1.00	1258																								
LCSS111606D	1.00	1300																X								
PBS111606D	1.00	1300																X								
ZZZZZZ	1.00	1302																								
ZZZZZZ	1.00	1303																								
ZZZZZZ	1.00	1304																								
ZZZZZZ	1.00	1305																								
S1-SD-01-00-1106	1.00	1307																X								
S1-SD-02-00-1106	1.00	1308																X								
S1-SD-03-00-1106	1.00	1309																X								
CCV2	1.00	1311																X								
CCB2	1.00	1312																X								
CCV3	1.00	1341																X								
CCB3	1.00	1342																X								
S1-SD-04-00-1106	1.00	1343																X								
S1-SD-05-00-1106	1.00	1345																X								
S1-SD-06-00-1106	1.00	1346																X								
S1-SD-07-00-1106	1.00	1347																X								
S1-SD-08-00-1106	1.00	1349																X								
S1-SD-09-00-1106	1.00	1350																X								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/17/06 End Date: 11/17/06

EPA Sample No.	D/F	Time	% R	Analytes																						
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S1FD11040602	1.00	1351																X								
CCV4	1.00	1352																X								
CCB4	1.00	1354																X								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	1115																X										
S0.20	1.00	1116																X										
S0.50	1.00	1117																X										
S1.0	1.00	1118																X										
S2.0	1.00	1119																X										
S4.0	1.00	1121																X										
S6.0	1.00	1122																X										
S10.0	1.00	1124																X										
ICV2	1.00	1125																X										
ICB2	1.00	1127																X										
LCSS112906A	1.00	1128																X										
PBS112906A	1.00	1129																X										
S2-SS-01-00-1106	1.00	1130																X										
S2-SS-02-00-1106	1.00	1131																X										
S2-SS-03-00-1106	1.00	1132																X										
S2-SS-04-00-1106	1.00	1134																X										
S2-SS-05-00-1106	1.00	1135																X										
S2-SS-06-00-1106	1.00	1136																X										
S2-SS-07-00-1106	1.00	1137																X										
S2-SS-08-00-1106	1.00	1139																X										
CCV1	1.00	1140																X										
CCB1	1.00	1141																X										
S2-SS-09-00-1106	1.00	1142																X										
S2-SS-10-00-1106	1.00	1143																X										
S2-SS-11-00-1106	1.00	1145																X										
S2-SS-12-00-1106	1.00	1146																X										
S2-SS-13-00-1106	1.00	1147																X										
S2-SS-14-00-1106	1.00	1148																X										
S2-SS-15-00-1106	1.00	1149																X										
S2-SS-15-00-1106S	1.00	1150																X										
S2-SS-15-00-1106SD	1.00	1152																X										
S2-SS-16-00-1106	1.00	1153																X										
CCV2	1.00	1154																X										
CCB2	1.00	1155																X										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest01

Instrument ID Number: PE CVAA Method: AV

Start Date: [redacted] End Date: 12/06/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1035																X									
S0.20	1.00	1036																X									
S0.50	1.00	1037																X									
S1.0	1.00	1038																X									
S2.0	1.00	1040																X									
S4.0	1.00	1041																X									
S6.0	1.00	1042																X									
S10.0	1.00	1044																X									
ICV3	1.00	1046																X									
ICB3	1.00	1047																X									
HF 2 days [redacted]	1.00	1048																X									
[redacted]	1.00	1049																X									
[redacted]	1.00	1051																X									
[redacted]	1.00	1052																X									
PBS112906B	1.00	1053																X									
LCSS112906B	1.00	1054																X									
[redacted]	1.00	1055																X									
S2-SS-20-00-1106S	1.00	1056																X									
S2-SS-20-00-1106SD	1.00	1058																X									
[redacted]	1.00	1059																X									
CCV1	1.00	1100																X									
CCB1	1.00	1102																X									
S2FD11050601	1.00	1103																X									
HF 1 day [redacted]	1.00	1104																X									
[redacted]	1.00	1105																X									
[redacted]	1.00	1106																X									
[redacted]	1.00	1107																X									
[redacted]	1.00	1109																X									
[redacted]	1.00	1110																X									
CCV2	1.00	1111																X									
CCB2	1.00	1112																X									

NAS KEY WEST
SOIL DATA
KEYWEST01

5× CRDL

50%

FRACTION	CHEMICAL		S1FD1040602	UNITS	S1-SD-09-0040106	RPD	D
M	ALUMINUM	50 mg/kg	3330 J	MG/KG	3850 J	14.48	520.00
M	ARSENIC	2.5	7 J	MG/KG	7.5 J	6.90	0.50
M	BARIUM	50	9.5 J	MG/KG	11.3 J	17.31	1.80
M	BERYLLIUM	1.25	0.13 J	MG/KG	0.15 J	14.29	0.02
M	CADMIUM	1.25	0.93 J	MG/KG	0.95 J	2.13	0.02
M	CALCIUM	1250	143000 J	MG/KG	156000 J	8.70	13000.00
M	CHROMIUM	2.5	12.5 J	MG/KG	14.2 J	12.73	1.70
M	COPPER	6.25	74.3 J	MG/KG	82.7 J	10.70	8.40
M	IRON	25	3250 J	MG/KG	3390 J	4.22	140.00
M	LEAD	0.75	53.1 J	MG/KG	57.6 J	8.13	4.50
M	MAGNESIUM	1250	15600 J	MG/KG	16400 J	5.00	800.00
M	MANGANESE	3.75	15 J	MG/KG	16.9 J	11.91	1.90
M	MERCURY	0.17	0.34 J	MG/KG	0.32 J	6.06	0.02
M	NICKEL	10	7.6 J	MG/KG	8.6 J	12.35	1.00
M	POTASSIUM	1250	3570 J	MG/KG	3760 J	5.18	190.00
M	SELENIUM	1.25	1.3 J	MG/KG	ND	NC	NC
M	SILVER	2.5	0.949 J	MG/KG	0.978 J	3.01	0.03
M	SODIUM	1250	65300 J	MG/KG	64300 J	1.54	1000.00
M	VANADIUM	12.5 ✓	11.4 J	MG/KG	12.8 J	11.57	1.40
M	ZINC	5	99.3 J	MG/KG	105 J	5.58	5.70

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

NAS KEY WEST
SOIL DATA
KEYWEST01

5x CRDL

FRACTION	CHEMICAL		S2FD1105060	UNITS	S2SS1300-1106	RPD	D
M	ALUMINUM	50 mg/kg	1960	MG/KG	1820	7.41	140.00
M	ARSENIC	2.5	1.5	MG/KG	1.6	6.45	0.10
M	BARIUM	50	33.8	MG/KG	19.7	52.71	14.10
M	BERYLLIUM	1.25	0.054	MG/KG	0.049	9.71	0.01
M	CADMIUM	1.25	0.15	MG/KG	0.17	12.50	0.02
M	CALCIUM	1250	339000	MG/KG	375000	10.08	36000.00
M	CHROMIUM	2.5	5.5	MG/KG	5.6	1.80	0.10
M	COBALT	12.5	0.37	MG/KG	0.39	5.26	0.02
M	COPPER	6.25	8.5	MG/KG	8.3	2.38	0.20
M	IRON	25	1200	MG/KG	1210	0.83	10.00
M	LEAD	0.75	20.1	MG/KG	21.7	7.66	1.60
M	MAGNESIUM	1250	16700	MG/KG	18200	8.60	1500.00
M	MANGANESE	3.75	37	MG/KG	41.1	10.50	4.10
M	NICKEL	10	1.5	MG/KG	1.9	23.53	0.40
M	POTASSIUM	1250	458	MG/KG	468	2.16	10.00
M	SODIUM	1250	7580	MG/KG	8220	8.10	640.00
M	VANADIUM	12.5	5.3	MG/KG	5.9	10.71	0.60
M	ZINC	5	21.6	MG/KG	23.9	10.11	2.30

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.

NAS KEY WEST
SOIL DATA
KEYWEST01

FRACTION	CHEMICAL	SSFD1060602	UNITS	SSSD-02-00-1106	RPD	D
M	ALUMINUM	1450 J	MG/KG	2110 J	37.08	660.00
M	ARSENIC	5.4 J	MG/KG	7.7 J	35.11	2.30
M	BARIUM	13.1 J	MG/KG	17.7 J	29.87	4.60
M	BERYLLIUM	0.078 J	MG/KG	0.097 J	21.71	0.02
M	CADMIUM	1.3 J	MG/KG	1.9 J	37.50	0.60
M	CALCIUM	237000 J	MG/KG	302000 J	24.12	65000.00
M	CHROMIUM	12.7 J	MG/KG	19.5 J	42.24	6.80
M	COPPER	7.1 J	MG/KG	10.3 J	36.78	3.20
M	IRON	970 J	MG/KG	1310 J	29.82	340.00
M	LEAD	18.2 J	MG/KG	32.5 J	56.41	14.30
M	MAGNESIUM	14800 J	MG/KG	18000 J	19.51	3200.00
M	MANGANESE	12.6 J	MG/KG	16.7 J	27.99	4.10
M	NICKEL	2.3 J	MG/KG	3.2 J	32.73	0.90
M	POTASSIUM	2600 J	MG/KG	2890 J	10.56	290.00
M	SILVER	0.314 J	MG/KG	ND	NC	NC
M	SODIUM	55000 J	MG/KG	55000 J	0.00	0.00
M	VANADIUM	6.2 J	MG/KG	8.5 J	31.29	2.30
M	ZINC	58.7 J	MG/KG	75.9 J	25.56	17.20

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 18, 2007**

FROM: **MATTHEW D. KRAUS** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION –TAL METALS & TIN**
NAS KEY WEST – CTO 044
SAMPLE DELIVERY GROUP (SDG) – KEY WEST 04

SAMPLES: 33/Solid/

S1-SD-10-00-1106	S1-SD-11-00-1106	S1-SD-12-00-1106
S1-SD-13-00-1106	S2-SD-01-00-1106	S2-SD-02-00-1106
S2-SD-03-00-1106	S2-SD-04-00-1106	S2-SD-05-00-1106
S2-SD-06-00-1106	S2-SD-07-00-1106	S2-SD-08-00-1106
S2-SD-09-00-1106	S2-SD-10-00-1106	S2-SD-11-00-1106
S2-SD-12-00-1106	S2-SD-13-00-1106	S4-SD-01-00-1106
S4-SD-02-00-1106	S4-SD-03-00-1106	S4-SD-04-00-1106
S4-SS-101-00-1106	S4-SS-102-00-1106	S4-SS-103-00-1106
S4-SS-104-00-1106	S4-SS-105-00-1106	S4-SS-106-00-1106
S5-SD-06-1106	S5-SD-07-1106	S5-SS-01-00-1106
S5-SS-02-00-1106	S5-SS-03-00-1106	S5-SS-04-00-1106

Overview

The sample set for NAS Key West, CTO 044, SDG KEYWEST 04, consists of thirty-three solid environmental samples.

All of the samples were analyzed for target analyte list (TAL) metals plus tin except for the "S4-SS", "S4-SD", and "S5-SS" samples. The "S4-SS" samples were analyzed for antimony, beryllium, and cadmium. The "S4-SD" and "S5-SS" samples were analyzed for antimony only and arsenic only, respectively. The samples were collected by Tetra Tech NUS on November 7-9, 2006 and analyzed by Empirical Laboratories. TAL analyses except mercury were conducted using method SW846 6010B. Mercury analyses were conducted using method SW846 7471A.

TAL metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodology. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Method/Preparation Blank Analyses
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Method/Preparation Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks for the soil matrix at the following maximum concentrations:

Analyte	Maximum Concentration (mg/kg)	Action Level (mg/kg)
Mercury [(1)]	0.026	0.13
Tin [(1)]	1.839	9.20

[(1)] Maximum concentration present in a laboratory method blank affecting all samples.

An action level of five times the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for the above analytes were qualified "U" as a result of laboratory blank contamination. Mercury and tin were qualified due to blank contamination.

Notes

All positive and non-detected analyte results in samples S2-SD-01-00-1106, S2-SD-03-00-1106, S2-SD-04-00-1106, S2-SD-07-00-1106, S2-SD-08-00-1106, S2-SD-09-00-1106, S2-SD-11-00-1106, S2-SD-12-00-1106, S2-SD-13-00-1106, S4-SD-03-00-1106, S4-SD-04-00-1106, and S5-SS-02-00-1106, except those results qualified due to blank contamination, were qualified as estimated "J", or "UJ", respectively, due to percent solids < 30 percent.

Negative instrument drift was detected for thallium in several samples resulting in elevated detection limits for thallium in those samples.

Executive Summary

Laboratory Performance: Mercury and tin were qualified due to laboratory blank contamination.

Other Factors Affecting Data Quality: Several analytes were qualified due to percent solids < 30 percent.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Data Review", October 2004, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Chemist/Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-10-00-1106
samp_date	11/8/2006
lab_id	0611108-11
qc_type	NM
units	MG/KG
Pct_Solids	51.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1090		
ANTIMONY	0.5	U	
ARSENIC	1.8		
BARIUM	10.1		
BERYLLIUM	0.029		
CADMIUM	0.16		
CALCIUM	399000		
CHROMIUM	4.3		
COBALT	0.5	U	
COPPER	5.4		
IRON	909		
LEAD	15.5		
MAGNESIUM	5680		
MANGANESE	15.7		
MERCURY	0.024	U	
NICKEL	1.6		
POTASSIUM	505		
SELENIUM	0.3	U	
SILVER	0.1	U	
SODIUM	7230		
THALLIUM	0.7	U	
TIN	4	U	A
VANADIUM	4.1		
ZINC	22		

nsample	S1-SD-11-00-1106
samp_date	11/8/2006
lab_id	0611108-12
qc_type	NM
units	MG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4590		
ANTIMONY	0.65	U	
ARSENIC	4.7		
BARIUM	17.8		
BERYLLIUM	0.135		
CADMIUM	0.38		
CALCIUM	318000		
CHROMIUM	14.2		
COBALT	0.65	U	
COPPER	41.5		
IRON	6440		
LEAD	38.4		
MAGNESIUM	20500		
MANGANESE	48.6		
MERCURY	0.032	U	
NICKEL	5.3		
POTASSIUM	891		
SELENIUM	0.39	U	
SILVER	0.158		
SODIUM	8820		
THALLIUM	0.52	U	
TIN	8.1	U	A
VANADIUM	9.4		
ZINC	85.9		

nsample	S1-SD-12-00-1106
samp_date	11/9/2006
lab_id	0611108-22
qc_type	NM
units	MG/KG
Pct_Solids	63.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3030		
ANTIMONY	0.39	U	
ARSENIC	2.8		
BARIUM	17.5		
BERYLLIUM	0.083		
CADMIUM	0.2		
CALCIUM	325000		
CHROMIUM	7		
COBALT	0.39	U	
COPPER	5.8		
IRON	1730		
LEAD	18.2		
MAGNESIUM	21500		
MANGANESE	31.4		
MERCURY	0.018	U	
NICKEL	2.2		
POTASSIUM	518		
SELENIUM	0.23	U	
SILVER	0.077	U	
SODIUM	4420		
THALLIUM	0.54	U	
TIN	3	U	A
VANADIUM	5.6		
ZINC	21		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S1-SD-13-00-1106	nsample	S2-SD-01-00-1106	nsample	S2-SD-02-00-1106
samp_date	11/9/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-23	lab_id	0611108-01	lab_id	0611108-02
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	39.0	Pct_Solids	26.0	Pct_Solids	34.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	5600		
ANTIMONY	0.64	U	
ARSENIC	1.8		
BARIUM	29		
BERYLLIUM	0.219		
CADMIUM	0.2		
CALCIUM	231000		
CHROMIUM	13.6		
COBALT	0.64	U	
COPPER	8.8		
IRON	3450		
LEAD	13.1		
MAGNESIUM	5590		
MANGANESE	30.4		
MERCURY	0.045	U	A
NICKEL	3		
POTASSIUM	1770		
SELENIUM	0.61		
SILVER	0.128		
SODIUM	16600		
THALLIUM	0.64	U	
TIN	5	U	A
VANADIUM	11		
ZINC	19.1		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2840	J	Y
ANTIMONY	0.92	UJ	Y
ARSENIC	2.9	J	Y
BARIUM	14.6	J	Y
BERYLLIUM	0.084	J	Y
CADMIUM	2.1	J	Y
CALCIUM	412000	J	Y
CHROMIUM	14.3	J	Y
COBALT	0.92	UJ	Y
COPPER	45.6	J	Y
IRON	2350	J	Y
LEAD	77.4	J	Y
MAGNESIUM	5130	J	Y
MANGANESE	29.4	J	Y
MERCURY	0.1	U	A
NICKEL	5.4	J	Y
POTASSIUM	971	J	Y
SELENIUM	0.91	J	Y
SILVER	0.189	J	Y
SODIUM	16100	J	Y
THALLIUM	0.55	UJ	Y
TIN	8.1	U	A
VANADIUM	12.9	J	Y
ZINC	83.7	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1950		
ANTIMONY	0.72	U	
ARSENIC	1.5		
BARIUM	13		
BERYLLIUM	0.05		
CADMIUM	1.1		
CALCIUM	440000		
CHROMIUM	9		
COBALT	0.72	U	
COPPER	24.9		
IRON	1400		
LEAD	40.9		
MAGNESIUM	3750		
MANGANESE	20		
MERCURY	0.084	U	A
NICKEL	3.5		
POTASSIUM	671		
SELENIUM	0.43	U	
SILVER	0.14	U	
SODIUM	12300		
THALLIUM	0.86	U	
TIN	5.9	U	A
VANADIUM	7.9		
ZINC	45.7		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SD-03-00-1106
samp_date	11/7/2006
lab_id	0611108-03
qc_type	NM
units	MG/KG
Pct_Solids	29.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2290	J	Y
ANTIMONY	0.86	UJ	Y
ARSENIC	2	J	Y
BARIUM	16.5	J	Y
BERYLLIUM	0.064	J	Y
CADMIUM	1.3	J	Y
CALCIUM	433000	J	Y
CHROMIUM	11.2	J	Y
COBALT	0.86	UJ	Y
COPPER	31.3	J	Y
IRON	1690	J	Y
LEAD	56.5	J	Y
MAGNESIUM	4650	J	Y
MANGANESE	31.3	J	Y
MERCURY	0.1	U	A
NICKEL	4.2	J	Y
POTASSIUM	828	J	Y
SELENIUM	0.53	J	Y
SILVER	0.17	UJ	Y
SODIUM	14300	J	Y
THALLIUM	0.68	UJ	Y
TIN	7	U	A
VANADIUM	9.5	J	Y
ZINC	56.5	J	Y

nsample	S2-SD-04-00-1106
samp_date	11/7/2006
lab_id	0611108-04
qc_type	NM
units	MG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2090	J	Y
ANTIMONY	0.89	UJ	Y
ARSENIC	2.1	J	Y
BARIUM	11	J	Y
BERYLLIUM	0.07	J	Y
CADMIUM	1.6	J	Y
CALCIUM	291000	J	Y
CHROMIUM	10.7	J	Y
COBALT	0.89	UJ	Y
COPPER	36.2	J	Y
IRON	1640	J	Y
LEAD	54	J	Y
MAGNESIUM	4680	J	Y
MANGANESE	22.2	J	Y
MERCURY	0.13	U	A
NICKEL	4.6	J	Y
POTASSIUM	970	J	Y
SELENIUM	0.53	UJ	Y
SILVER	0.18	UJ	Y
SODIUM	18100	J	Y
THALLIUM	1.1	UJ	Y
TIN	7.5	U	A
VANADIUM	9.8	J	Y
ZINC	66.5	J	Y

nsample	S2-SD-05-00-1106
samp_date	11/7/2006
lab_id	0611108-05
qc_type	NM
units	MG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1500		
ANTIMONY	0.71	U	
ARSENIC	0.93		
BARIUM	12.6		
BERYLLIUM	0.043		
CADMIUM	0.76		
CALCIUM	375000		
CHROMIUM	7.4		
COBALT	0.71	U	
COPPER	20		
IRON	1170		
LEAD	35		
MAGNESIUM	3570		
MANGANESE	18.7		
MERCURY	0.098	U	A
NICKEL	2.7		
POTASSIUM	672		
SELENIUM	0.43	U	
SILVER	0.14	U	
SODIUM	11800		
THALLIUM	0.43	U	
TIN	5.7	U	A
VANADIUM	6.4		
ZINC	36.6		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SD-06-00-1106	nsample	S2-SD-07-00-1106	nsample	S2-SD-08-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-06	lab_id	0611108-07	lab_id	0611108-08
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	32.0	Pct_Solids	25.0	Pct_Solids	19.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2080		
ANTIMONY	0.78		
ARSENIC	2		
BARIUM	14.5		
BERYLLIUM	0.074		
CADMIUM	1.5		
CALCIUM	332000		
CHROMIUM	11.3		
COBALT	0.77	U	
COPPER	34.1		
IRON	1770		
LEAD	68.2		
MAGNESIUM	5960		
MANGANESE	26.6		
MERCURY	0.11	U	A
NICKEL	4		
POTASSIUM	789		
SELENIUM	0.46	U	
SILVER	0.15	U	
SODIUM	14500		
THALLIUM	0.46	U	
TIN	7.1	U	A
VANADIUM	10.2		
ZINC	64.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2450	J	Y
ANTIMONY	1	UJ	Y
ARSENIC	2.3	J	Y
BARIUM	15	J	Y
BERYLLIUM	0.074	J	Y
CADMIUM	2.1	J	Y
CALCIUM	383000	J	Y
CHROMIUM	14	J	Y
COBALT	1	UJ	Y
COPPER	51.7	J	Y
IRON	2270	J	Y
LEAD	82.3	J	Y
MAGNESIUM	5610	J	Y
MANGANESE	32.7	J	Y
MERCURY	0.16	U	A
NICKEL	4.7	J	Y
POTASSIUM	979	J	Y
SELENIUM	0.6	UJ	Y
SILVER	0.225	J	Y
SODIUM	17900	J	Y
THALLIUM	1.2	UJ	Y
TIN	8.8	U	A
VANADIUM	9.9	J	Y
ZINC	88	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3640	J	Y
ANTIMONY	1.3	UJ	Y
ARSENIC	3	J	Y
BARIUM	15.5	J	Y
BERYLLIUM	0.124	J	Y
CADMIUM	2	J	Y
CALCIUM	371000	J	Y
CHROMIUM	16.4	J	Y
COBALT	1.3	UJ	Y
COPPER	52	J	Y
IRON	2830	J	Y
LEAD	77.7	J	Y
MAGNESIUM	6970	J	Y
MANGANESE	38.1	J	Y
MERCURY	0.2	U	A
NICKEL	7.2	J	Y
POTASSIUM	1540	J	Y
SELENIUM	1.2	J	Y
SILVER	0.26	UJ	Y
SODIUM	26500	J	Y
THALLIUM	1.3	UJ	Y
TIN	11	U	A
VANADIUM	17.2	J	Y
ZINC	97.8	J	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SD-09-00-1106	nsample	S2-SD-10-00-1106	nsample	S2-SD-11-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/8/2006
lab_id	0611108-09	lab_id	0611108-10	lab_id	0611108-13
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	24.0	Pct_Solids	35.0	Pct_Solids	11.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2470	J	Y
ANTIMONY	1	UJ	Y
ARSENIC	2.5	J	Y
BARIUM	15	J	Y
BERYLLIUM	0.081	J	Y
CADMIUM	1.6	J	Y
CALCIUM	331000	J	Y
CHROMIUM	11.6	J	Y
COBALT	1	UJ	Y
COPPER	36.5	J	Y
IRON	2050	J	Y
LEAD	61	J	Y
MAGNESIUM	5100	J	Y
MANGANESE	29.1	J	Y
MERCURY	0.15	U	A
NICKEL	4.7	J	Y
POTASSIUM	1020	J	Y
SELENIUM	0.62	UJ	Y
SILVER	0.21	UJ	Y
SODIUM	18800	J	Y
THALLIUM	1.3	UJ	Y
TIN	8.6	U	A
VANADIUM	12	J	Y
ZINC	71.3	J	Y

Parameter	Result	Val Qual	Qual Code
ALUMINUM	293		
ANTIMONY	0.7	U	
ARSENIC	0.83		
BARIUM	10.1		
BERYLLIUM	0.035	U	
CADMIUM	0.22		
CALCIUM	364000		
CHROMIUM	2		
COBALT	0.7	U	
COPPER	6.8		
IRON	1600		
LEAD	7		
MAGNESIUM	2470		
MANGANESE	11.3		
MERCURY	0.037	U	
NICKEL	4.2		
POTASSIUM	817		
SELENIUM	0.42	U	
SILVER	0.14	U	
SODIUM	12400		
THALLIUM	0.84	U	
TIN	5.4	U	A
VANADIUM	2.3		
ZINC	38.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	9480	J	Y
ANTIMONY	2.2	UJ	Y
ARSENIC	5.3	J	Y
BARIUM	19	J	Y
BERYLLIUM	0.363	J	Y
CADMIUM	1.2	J	Y
CALCIUM	297000	J	Y
CHROMIUM	20.7	J	Y
COBALT	2.2	UJ	Y
COPPER	31.9	J	Y
IRON	5140	J	Y
LEAD	34.8	J	Y
MAGNESIUM	9700	J	Y
MANGANESE	38.2	J	Y
MERCURY	0.12	UJ	Y
NICKEL	11.2	J	Y
POTASSIUM	1850	J	Y
SELENIUM	2.4	J	Y
SILVER	0.44	UJ	Y
SODIUM	28500	J	Y
THALLIUM	2.6	UJ	Y
TIN	16	U	A
VANADIUM	19.3	J	Y
ZINC	99.5	J	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S2-SD-12-00-1106
samp_date	11/8/2006
lab_id	0611108-14
qc_type	NM
units	MG/KG
Pct_Solids	21.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	7070	J	Y
ANTIMONY	1.1	UJ	Y
ARSENIC	3.3	J	Y
BARIUM	13.2	J	Y
BERYLLIUM	0.225	J	Y
CADMIUM	1.5	J	Y
CALCIUM	254000	J	Y
CHROMIUM	16.4	J	Y
COBALT	1.2	J	Y
COPPER	38.8	J	Y
IRON	3920	J	Y
LEAD	55.3	J	Y
MAGNESIUM	6890	J	Y
MANGANESE	33.7	J	Y
MERCURY	0.14	U	A
NICKEL	8.9	J	Y
POTASSIUM	1320	J	Y
SELENIUM	1.6	J	Y
SILVER	0.23	UJ	Y
SODIUM	21500	J	Y
THALLIUM	0.68	UJ	Y
TIN	9	U	A
VANADIUM	14.8	J	Y
ZINC	123	J	Y

nsample	S2-SD-13-00-1106
samp_date	11/8/2006
lab_id	0611108-15
qc_type	NM
units	MG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1620	J	Y
ANTIMONY	0.89	UJ	Y
ARSENIC	2.1	J	Y
BARIUM	8.7	J	Y
BERYLLIUM	0.069	J	Y
CADMIUM	1.9	J	Y
CALCIUM	266000	J	Y
CHROMIUM	10.7	J	Y
COBALT	0.89	UJ	Y
COPPER	32.4	J	Y
IRON	2860	J	Y
LEAD	64.3	J	Y
MAGNESIUM	3990	J	Y
MANGANESE	19.8	J	Y
MERCURY	0.082	U	A
NICKEL	4.3	J	Y
POTASSIUM	938	J	Y
SELENIUM	0.54	UJ	Y
SILVER	0.18	UJ	Y
SODIUM	17500	J	Y
THALLIUM	0.89	UJ	Y
TIN	7.6	U	A
VANADIUM	5.9	J	Y
ZINC	87.3	J	Y

nsample	S4-SD-01-00-1106
samp_date	11/9/2006
lab_id	0611108-24
qc_type	NM
units	MG/KG
Pct_Solids	36.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.69	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S4-SD-02-00-1106
samp_date	11/9/2006
lab_id	0611108-25
qc_type	NM
units	MG/KG
Pct_Solids	34.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.7	U	

nsample	S4-SD-03-00-1106
samp_date	11/9/2006
lab_id	0611108-26
qc_type	NM
units	MG/KG
Pct_Solids	11.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	2.3	UJ	Y

nsample	S4-SD-04-00-1106
samp_date	11/9/2006
lab_id	0611108-27
qc_type	NM
units	MG/KG
Pct_Solids	8.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	3.1	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S4-SS-101-00-1106	nsample	S4-SS-102-00-1106	nsample	S4-SS-103-00-1106
samp_date	11/9/2006	samp_date	11/9/2006	samp_date	11/9/2006
lab_id	0611108-28	lab_id	0611108-29	lab_id	0611108-30
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	89.0	Pct_Solids	81.0	Pct_Solids	91.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.28	U	
BERYLLIUM	0.015		
CADMIUM	1.4		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.52		
BERYLLIUM	0.044		
CADMIUM	5		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.38		
BERYLLIUM	0.096		
CADMIUM	14.8		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S4-SS-104-00-1106
samp_date	11/9/2006
lab_id	0611108-31
qc_type	NM
units	MG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.5		
BERYLLIUM	0.032		
CADMIUM	9.2		

nsample	S4-SS-105-00-1106
samp_date	11/9/2006
lab_id	0611108-32
qc_type	NM
units	MG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.27	U	
BERYLLIUM	0.014	U	
CADMIUM	1.4		

nsample	S4-SS-106-00-1106
samp_date	11/9/2006
lab_id	0611108-33
qc_type	NM
units	MG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.29		
BERYLLIUM	0.017		
CADMIUM	0.79		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S5-SD-06-00-1106
samp_date	11/8/2006
lab_id	0611108-16
qc_type	NM
units	MG/KG
Pct_Solids	40.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	726		
ANTIMONY	0.62	U	
ARSENIC	3		
BARIUM	8.4		
BERYLLIUM	0.031	U	
CADMIUM	0.17		
CALCIUM	310000		
CHROMIUM	3.3		
COBALT	0.62	U	
COPPER	2.2		
IRON	405		
LEAD	6.9		
MAGNESIUM	12000		
MANGANESE	9.4		
MERCURY	0.04	U	A
NICKEL	0.78		
POTASSIUM	1020		
SELENIUM	0.37	U	
SILVER	0.12	U	
SODIUM	19800		
THALLIUM	0.72	U	
TIN	4.5	U	A
VANADIUM	4.4		
ZINC	6.6		

nsample	S5-SD-07-00-1106
samp_date	11/8/2006
lab_id	0611108-17
qc_type	NM
units	MG/KG
Pct_Solids	46.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	560		
ANTIMONY	0.53	U	
ARSENIC	1.5		
BARIUM	6.9		
BERYLLIUM	0.026	U	
CADMIUM	0.14		
CALCIUM	308000		
CHROMIUM	3		
COBALT	0.53	U	
COPPER	1.6		
IRON	349		
LEAD	5.3		
MAGNESIUM	15200		
MANGANESE	10.8		
MERCURY	0.032	U	A
NICKEL	0.53	U	
POTASSIUM	819		
SELENIUM	0.32	U	
SILVER	0.11	U	
SODIUM	16000		
THALLIUM	0.64	U	
TIN	3.7	U	A
VANADIUM	3		
ZINC	4.5		

nsample	S5-SS-01-00-1106
samp_date	11/8/2006
lab_id	0611108-18
qc_type	NM
units	MG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ARSENIC	5.7		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: M

nsample	S5-SS-02-00-1106
samp_date	11/8/2006
lab_id	0611108-19
qc_type	NM
units	MG/KG
Pct_Solids	6.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ARSENIC	15.7	J	Y

nsample	S5-SS-03-00-1106
samp_date	11/8/2006
lab_id	0611108-20
qc_type	NM
units	MG/KG
Pct_Solids	90.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ARSENIC	9.3		

nsample	S5-SS-04-00-1106
samp_date	11/8/2006
lab_id	0611108-21
qc_type	NM
units	MG/KG
Pct_Solids	89.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ARSENIC	7.8		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-11

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 50 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.10	1.0		U		P
7429-90-5	Aluminum	5.0	19.9	1090			P
7440-38-2	Arsenic	0.30	1.0	1.8			P
7440-39-3	Barium	0.50	19.9	10.1	I		P
7440-41-7	Beryllium	0.025	0.50	0.029	I		P
7440-43-9	Cadmium	0.10	0.50	0.16	I		P
7440-48-4	Cobalt	0.50	5.0		U		P
7440-47-3	Chromium	0.20	1.0	4.3			P
7440-50-8	Copper	0.30	2.5	5.4		J3	P
7439-89-6	Iron	3.0	10.0	909			P
9/7/7440	Potassium	99.5	498	505		J3	P
7439-95-4	Magnesium	99.5	498	5680			P
7439-96-5	Manganese	0.30	1.5	15.7			P
7440-23-5	Sodium	99.5	498	7230			P
7440-02-0	Nickel	0.50	4.0	1.6	I		P
7439-92-1	Lead	0.15	0.30	15.5			P
7440-36-0	Antimony	0.50	6.0		U		P
7782-49-2	Selenium	0.30	0.50		U		P
7440-31-5	Tin	1.0	10.0	4.0	I		P
7440-28-0	Thallium	0.70	1.0		U		P
7440-62-2	Vanadium	0.50	5.0	4.1	I		P
7440-66-6	Zinc	0.50	2.0	22.0			P
7440-70-2	Calcium	4980	24900	399000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-11

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 50 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.024	0.059		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-11-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-12

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 38 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.13	1.3	0.158	I		P
7429-90-5	Aluminum	6.5	26.2	4590			P
7440-38-2	Arsenic	0.39	1.3	4.7			P
7440-39-3	Barium	0.65	26.2	17.8	I		P
7440-41-7	Beryllium	0.033	0.66	0.135	I		P
7440-43-9	Cadmium	0.13	0.66	0.38	I		P
7440-48-4	Cobalt	0.65	6.5		U		P
7440-47-3	Chromium	0.26	1.3	14.2			P
7440-50-8	Copper	0.39	3.3	41.5		J3	P
7439-89-6	Iron	3.9	13.1	6440			P
9/7/7440	Potassium	131	655	891		J3	P
7439-95-4	Magnesium	131	655	20500			P
7439-96-5	Manganese	0.39	2.0	48.6			P
7440-23-5	Sodium	131	655	8820			P
7440-02-0	Nickel	0.65	5.2	5.3			P
7439-92-1	Lead	0.20	0.39	38.4			P
7440-36-0	Antimony	0.65	7.9		U		P
7782-49-2	Selenium	0.39	0.65		U		P
7440-31-5	Tin	1.3	13.1	8.1	I		P
7440-28-0	Thallium	0.52	1.3		U		P
7440-62-2	Vanadium	0.65	6.5	9.4			P
7440-66-6	Zinc	0.65	2.6	85.9			P
7440-70-2	Calcium	6550	32700	318000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-11-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-12

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 38 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.032	0.080		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-22

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 63 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.077	0.77		U		P
7429-90-5	Aluminum	3.9	15.5	3030			P
7440-38-2	Arsenic	0.23	0.77	2.8			P
7440-39-3	Barium	0.39	15.5	17.5			P
7440-41-7	Beryllium	0.019	0.39	0.083	I		P
7440-43-9	Cadmium	0.077	0.39	0.20	I		P
7440-48-4	Cobalt	0.39	3.9		U		P
7440-47-3	Chromium	0.15	0.77	7.0			P
7440-50-8	Copper	0.23	1.9	5.8			P
7439-89-6	Iron	2.3	7.7	1730			P
9/7/7440	Potassium	77.4	387	518			P
7439-95-4	Magnesium	77.4	387	21500			P
7439-96-5	Manganese	0.23	1.2	31.4			P
7440-23-5	Sodium	77.4	387	4420			P
7440-02-0	Nickel	0.39	3.1	2.2	I		P
7439-92-1	Lead	0.12	0.23	18.2			P
7440-36-0	Antimony	0.39	4.6		U		P
7782-49-2	Selenium	0.23	0.39		U		P
7440-31-5	Tin	0.77	7.7	3.0	I		P
7440-28-0	Thallium	0.54	0.77		U		P
7440-62-2	Vanadium	0.39	3.9	5.6			P
7440-66-6	Zinc	0.39	1.5	21.0			P
7440-70-2	Calcium	3870	19400	325000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-22

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 63 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.018	0.045		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-23

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 39 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.13	1.3	0.128	I		P
7429-90-5	Aluminum	6.4	25.5	5600			P
7440-38-2	Arsenic	0.38	1.3	1.8			P
7440-39-3	Barium	0.64	25.5	29.0			P
7440-41-7	Beryllium	0.032	0.64	0.219	I		P
7440-43-9	Cadmium	0.13	0.64	0.20	I		P
7440-48-4	Cobalt	0.64	6.4		U		P
7440-47-3	Chromium	0.26	1.3	13.6			P
7440-50-8	Copper	0.38	3.2	8.8			P
7439-89-6	Iron	3.8	12.8	3450			P
9/7/7440	Potassium	128	638	1770			P
7439-95-4	Magnesium	128	638	5590			P
7439-96-5	Manganese	0.38	1.9	30.4			P
7440-02-0	Nickel	0.64	5.1	3.0	I		P
7439-92-1	Lead	0.19	0.38	13.1			P
7440-36-0	Antimony	0.64	7.7		U		P
7782-49-2	Selenium	0.38	0.64	0.61	I		P
7440-31-5	Tin	1.3	12.8	5.0	I		P
7440-28-0	Thallium	0.64	1.3		U		P
7440-62-2	Vanadium	0.64	6.4	11.0			P
7440-66-6	Zinc	0.64	2.6	19.1			P
7440-70-2	Calcium	6380	31900	231000			P
7440-23-5	Sodium	638	3190	16600			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SD-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-23

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 39 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.029	0.071	0.045	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-01

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 26 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.18	1.8	0.189	I		P
7429-90-5	Aluminum	9.2	37.0	2840			P
7440-38-2	Arsenic	0.55	1.8	2.9			P
7440-39-3	Barium	0.92	37.0	14.6	I		P
7440-41-7	Beryllium	0.046	0.93	0.084	I		P
7440-43-9	Cadmium	0.18	0.93	2.1			P
7440-48-4	Cobalt	0.92	9.2		U		P
7440-47-3	Chromium	0.37	1.8	14.3			P
7440-50-8	Copper	0.55	4.6	45.6		J3	P
7439-89-6	Iron	5.5	18.5	2350			P
9/7/7440	Potassium	185	925	971		J3	P
7439-95-4	Magnesium	185	925	5130			P
7439-96-5	Manganese	0.55	2.8	29.4			P
7440-23-5	Sodium	185	925	16100			P
7440-02-0	Nickel	0.92	7.4	5.4	I		P
7439-92-1	Lead	0.28	0.55	77.4			P
7440-36-0	Antimony	0.92	11.1		U		P
7782-49-2	Selenium	0.55	0.92	0.91	I		P
7440-31-5	Tin	1.8	18.5	8.1	I		P
7440-28-0	Thallium	0.55	1.8		U		P
7440-62-2	Vanadium	0.92	9.2	12.9			P
7440-66-6	Zinc	0.92	3.7	83.7			P
7440-70-2	Calcium	9250	46200	412000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-01

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 26 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.042	0.10	0.10	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-02

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 34 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.14	1.4		U		P
7429-90-5	Aluminum	7.2	28.8	1950			P
7440-38-2	Arsenic	0.43	1.4	1.5			P
7440-39-3	Barium	0.72	28.8	13.0	I		P
7440-41-7	Beryllium	0.036	0.72	0.050	I		P
7440-43-9	Cadmium	0.14	0.72	1.1			P
7440-48-4	Cobalt	0.72	7.2		U		P
7440-47-3	Chromium	0.29	1.4	9.0			P
7440-50-8	Copper	0.43	3.6	24.9		J3	P
7439-89-6	Iron	4.3	14.4	1400			P
9/7/7440	Potassium	144	721	671	I	J3	P
7439-95-4	Magnesium	144	721	3750			P
7439-96-5	Manganese	0.43	2.2	20.0			P
7440-23-5	Sodium	144	721	12300			P
7440-02-0	Nickel	0.72	5.8	3.5	I		P
7439-92-1	Lead	0.22	0.43	40.9			P
7440-36-0	Antimony	0.72	8.7		U		P
7782-49-2	Selenium	0.43	0.72		U		P
7440-31-5	Tin	1.4	14.4	5.9	I		P
7440-28-0	Thallium	0.86	1.4		U		P
7440-62-2	Vanadium	0.72	7.2	7.9			P
7440-66-6	Zinc	0.72	2.9	45.7			P
7440-70-2	Calcium	7210	36000	440000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-02

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 34 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.036	0.089	0.084	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-03

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 29 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.17	1.7		U		P
7429-90-5	Aluminum	8.6	34.3	2290			P
7440-38-2	Arsenic	0.51	1.7	2.0			P
7440-39-3	Barium	0.86	34.3	16.5	I		P
7440-41-7	Beryllium	0.043	0.86	0.064	I		P
7440-43-9	Cadmium	0.17	0.86	1.3			P
7440-48-4	Cobalt	0.86	8.6		U		P
7440-47-3	Chromium	0.34	1.7	11.2			P
7440-50-8	Copper	0.51	4.3	31.3		J3	P
7439-89-6	Iron	5.1	17.2	1690			P
9/7/7440	Potassium	172	858	828	I	J3	P
7439-95-4	Magnesium	172	858	4650			P
7439-96-5	Manganese	0.51	2.6	31.3			P
7440-23-5	Sodium	172	858	14300			P
7440-02-0	Nickel	0.86	6.9	4.2	I		P
7439-92-1	Lead	0.26	0.52	56.5			P
7440-36-0	Antimony	0.86	10.3		U		P
7782-49-2	Selenium	0.51	0.86	0.53	I		P
7440-31-5	Tin	1.7	17.2	7.0	I		P
7440-28-0	Thallium	0.68	1.7		U		P
7440-62-2	Vanadium	0.86	8.6	9.5			P
7440-66-6	Zinc	0.86	3.4	56.5			P
7440-70-2	Calcium	8580	42900	433000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-03

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 29 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.046	0.11	0.10	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-04

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 28 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.18	1.8		U		P
7429-90-5	Aluminum	8.9	35.5	2090			P
7440-38-2	Arsenic	0.53	1.8	2.1			P
7440-39-3	Barium	0.89	35.5	11.0	I		P
7440-41-7	Beryllium	0.044	0.89	0.070	I		P
7440-43-9	Cadmium	0.18	0.89	1.6			P
7440-48-4	Cobalt	0.89	8.9		U		P
7440-47-3	Chromium	0.36	1.8	10.7			P
7440-50-8	Copper	0.53	4.4	36.2		J3	P
7439-89-6	Iron	5.3	17.8	1640			P
9/7/7440	Potassium	178	888	970		J3	P
7439-95-4	Magnesium	178	888	4680			P
7439-96-5	Manganese	0.53	2.7	22.2			P
7440-02-0	Nickel	0.89	7.1	4.6	I		P
7439-92-1	Lead	0.27	0.53	54.0			P
7440-36-0	Antimony	0.89	10.7		U		P
7782-49-2	Selenium	0.53	0.89		U		P
7440-31-5	Tin	1.8	17.8	7.5	I		P
7440-28-0	Thallium	1.1	1.8		U		P
7440-62-2	Vanadium	0.89	8.9	9.8			P
7440-66-6	Zinc	0.89	3.6	66.5			P
7440-70-2	Calcium	4440	22200	291000			P
7440-23-5	Sodium	888	4440	18100			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-04

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 28 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.046	0.12	0.13			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-05

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 34 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.14	1.4		U		P
7429-90-5	Aluminum	7.1	28.6	1500			P
7440-38-2	Arsenic	0.43	1.4	0.93	I		P
7440-39-3	Barium	0.71	28.6	12.6	I		P
7440-41-7	Beryllium	0.036	0.71	0.043	I		P
7440-43-9	Cadmium	0.14	0.71	0.76			P
7440-48-4	Cobalt	0.71	7.1		U		P
7440-47-3	Chromium	0.29	1.4	7.4			P
7440-50-8	Copper	0.43	3.6	20.0		J3	P
7439-89-6	Iron	4.3	14.3	1170			P
9/7/7440	Potassium	143	714	672	I	J3	P
7439-95-4	Magnesium	143	714	3570			P
7439-96-5	Manganese	0.43	2.1	18.7			P
7440-23-5	Sodium	143	714	11800			P
7440-02-0	Nickel	0.71	5.7	2.7	I		P
7439-92-1	Lead	0.21	0.43	35.0			P
7440-36-0	Antimony	0.71	8.6		U		P
7782-49-2	Selenium	0.43	0.71		U		P
7440-31-5	Tin	1.4	14.3	5.7	I		P
7440-28-0	Thallium	0.43	1.4		U		P
7440-62-2	Vanadium	0.71	7.1	6.4	I		P
7440-66-6	Zinc	0.71	2.9	36.6			P
7440-70-2	Calcium	7140	35700	375000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7471A

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-05

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 34 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.037	0.092	0.098			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-06

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 31 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.15	1.5		U		P
7429-90-5	Aluminum	7.7	30.9	2080			P
7440-38-2	Arsenic	0.46	1.5	2.0			P
7440-39-3	Barium	0.77	30.9	14.5	I		P
7440-41-7	Beryllium	0.039	0.77	0.074	I		P
7440-43-9	Cadmium	0.15	0.77	1.5			P
7440-48-4	Cobalt	0.77	7.7		U		P
7440-47-3	Chromium	0.31	1.5	11.3			P
7440-50-8	Copper	0.46	3.9	34.1		J3	P
7439-89-6	Iron	4.6	15.4	1770			P
9/7/7440	Potassium	154	772	789		J3	P
7439-95-4	Magnesium	154	772	5960			P
7439-96-5	Manganese	0.46	2.3	26.6			P
7440-23-5	Sodium	154	772	14500			P
7440-02-0	Nickel	0.77	6.2	4.0	I		P
7439-92-1	Lead	0.23	0.46	68.2			P
7440-36-0	Antimony	0.77	9.3	0.78	I		P
7782-49-2	Selenium	0.46	0.77		U		P
7440-31-5	Tin	1.5	15.4	7.1	I		P
7440-28-0	Thallium	0.46	1.5		U		P
7440-62-2	Vanadium	0.77	7.7	10.2			P
7440-66-6	Zinc	0.77	3.1	64.9			P
7440-70-2	Calcium	7720	38600	332000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SD-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-06

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 31 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.037	0.092	0.11			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-07

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 25 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.20	2.0	0.225	I		P
7429-90-5	Aluminum	10.0	40.0	2450			P
7440-38-2	Arsenic	0.60	2.0	2.3			P
7440-39-3	Barium	1.0	40.0	15.0	I		P
7440-41-7	Beryllium	0.050	1.0	0.074	I		P
7440-43-9	Cadmium	0.20	1.0	2.1			P
7440-48-4	Cobalt	1.0	10.0		U		P
7440-47-3	Chromium	0.40	2.0	14.0			P
7440-50-8	Copper	0.60	5.0	51.7		J3	P
7439-89-6	Iron	6.0	20.0	2270			P
9/7/7440	Potassium	200	1000	979	I	J3	P
7439-95-4	Magnesium	200	1000	5610			P
7439-96-5	Manganese	0.60	3.0	32.7			P
7440-23-5	Sodium	200	1000	17900			P
7440-02-0	Nickel	1.0	8.0	4.7	I		P
7439-92-1	Lead	0.30	0.60	82.3			P
7440-36-0	Antimony	1.0	12.0		U		P
7782-49-2	Selenium	0.60	1.0		U		P
7440-31-5	Tin	2.0	20.0	8.8	I		P
7440-28-0	Thallium	1.2	2.0		U		P
7440-62-2	Vanadium	1.0	10.0	9.9	I		P
7440-66-6	Zinc	1.0	4.0	88.0			P
7440-70-2	Calcium	10000	50000	383000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-07

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 25 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.050	0.13	0.16			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-08

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 19 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.26	2.6		U		P
7429-90-5	Aluminum	13.0	51.9	3640			P
7440-38-2	Arsenic	0.78	2.6	3.0			P
7440-39-3	Barium	1.3	51.9	15.5	I		P
7440-41-7	Beryllium	0.065	1.3	0.124	I		P
7440-43-9	Cadmium	0.26	1.3	2.0			P
7440-48-4	Cobalt	1.3	13.0		U		P
7440-47-3	Chromium	0.52	2.6	16.4			P
7440-50-8	Copper	0.78	6.5	52.0		J3	P
7439-89-6	Iron	7.8	25.9	2830			P
9/7/7440	Potassium	259	1300	1540		J3	P
7439-95-4	Magnesium	259	1300	6970			P
7439-96-5	Manganese	0.78	3.9	38.1			P
7440-02-0	Nickel	1.3	10.4	7.2	I		P
7439-92-1	Lead	0.39	0.78	77.7			P
7440-36-0	Antimony	1.3	15.6		U		P
7782-49-2	Selenium	0.78	1.3	1.2	I		P
7440-31-5	Tin	2.6	25.9	11.0	I		P
7440-28-0	Thallium	1.3	2.6		U		P
7440-62-2	Vanadium	1.3	13.0	17.2			P
7440-66-6	Zinc	1.3	5.2	97.8			P
7440-70-2	Calcium	13000	64800	371000			P
7440-23-5	Sodium	1300	6480	26500			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-08

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 19 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.070	0.18	0.20			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SD-09-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-09

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 24 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.21	2.1		U		P
7429-90-5	Aluminum	10.3	41.1	2470			P
7440-38-2	Arsenic	0.62	2.1	2.5			P
7440-39-3	Barium	1.0	41.1	15.0	I		P
7440-41-7	Beryllium	0.051	1.0	0.081	I		P
7440-43-9	Cadmium	0.20	1.0	1.6			P
7440-48-4	Cobalt	1.0	10.3		U		P
7440-47-3	Chromium	0.41	2.1	11.6			P
7440-50-8	Copper	0.62	5.1	36.5		J3	P
7439-89-6	Iron	6.2	20.5	2050			P
9/7/7440	Potassium	205	1030	1020	I	J3	P
7439-95-4	Magnesium	205	1030	5100			P
7439-96-5	Manganese	0.62	3.1	29.1			P
7440-23-5	Sodium	205	1030	18800			P
7440-02-0	Nickel	1.0	8.2	4.7	I		P
7439-92-1	Lead	0.31	0.62	61.0			P
7440-36-0	Antimony	1.0	12.3		U		P
7782-49-2	Selenium	0.62	1.0		U		P
7440-31-5	Tin	2.1	20.5	8.6	I		P
7440-28-0	Thallium	1.3	2.1		U		P
7440-62-2	Vanadium	1.0	10.3	12.0			P
7440-66-6	Zinc	1.0	4.1	71.3			P
7440-70-2	Calcium	5130	25700	331000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. BLD 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-09

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 24 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.048	0.12	0.15			AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-10

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 35 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.14	1.4		U		P
7429-90-5	Aluminum	7.0	28.1	293			P
7440-38-2	Arsenic	0.42	1.4	0.83	I		P
7440-39-3	Barium	0.70	28.1	10.1	I		P
7440-41-7	Beryllium	0.035	0.70		U		P
7440-43-9	Cadmium	0.14	0.70	0.22	I		P
7440-48-4	Cobalt	0.70	7.0		U		P
7440-47-3	Chromium	0.28	1.4	2.0			P
7440-50-8	Copper	0.42	3.5	6.8		J3	P
7439-89-6	Iron	4.2	14.1	1600			P
9/7/7440	Potassium	141	704	817		J3	P
7439-95-4	Magnesium	141	704	2470			P
7439-96-5	Manganese	0.42	2.1	11.3			P
7440-23-5	Sodium	141	704	12400			P
7440-02-0	Nickel	0.70	5.6	4.2	I		P
7439-92-1	Lead	0.21	0.42	7.0			P
7440-36-0	Antimony	0.70	8.4		U		P
7782-49-2	Selenium	0.42	0.70		U		P
7440-31-5	Tin	1.4	14.1	5.4	I		P
7440-28-0	Thallium	0.84	1.4		U		P
7440-62-2	Vanadium	0.70	7.0	2.3	I		P
7440-66-6	Zinc	0.70	2.8	38.2			P
7440-70-2	Calcium	7040	35200	364000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-10-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-10

Level (low/med): LOW Date Sampled: 11/7/2006

% Solids: 35 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.037	0.092		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SD-11-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-13

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 11 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.44	4.4		U		P
7429-90-5	Aluminum	22.2	88.7	9480			P
7440-38-2	Arsenic	1.3	4.4	5.3			P
7440-39-3	Barium	2.2	88.7	19.0	I		P
7440-41-7	Beryllium	0.11	2.2	0.363	I		P
7440-43-9	Cadmium	0.44	2.2	1.2	I		P
7440-48-4	Cobalt	2.2	22.2		U		P
7440-47-3	Chromium	0.89	4.4	20.7			P
7440-50-8	Copper	1.3	11.1	31.9		J3	P
7439-89-6	Iron	13.3	44.3	5140			P
9/7/7440	Potassium	443	2220	1850	I	J3	P
7439-95-4	Magnesium	443	2220	9700			P
7439-96-5	Manganese	1.3	6.7	38.2			P
7440-23-5	Sodium	443	2220	28500			P
7440-02-0	Nickel	2.2	17.7	11.2	I		P
7439-92-1	Lead	0.67	1.3	34.8			P
7440-36-0	Antimony	2.2	26.6		U		P
7782-49-2	Selenium	1.3	2.2	2.4			P
7440-31-5	Tin	4.4	44.3	16.0	I		P
7440-28-0	Thallium	2.6	4.4		U		P
7440-62-2	Vanadium	2.2	22.2	19.3	I		P
7440-66-6	Zinc	2.2	8.9	99.5			P
7440-70-2	Calcium	4430	22200	297000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-11-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-13

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 11 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.12	0.30		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-14

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 21 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.23	2.3		U		P
7429-90-5	Aluminum	11.4	45.6	7070			P
7440-38-2	Arsenic	0.68	2.3	3.3			P
7440-39-3	Barium	1.1	45.6	13.2	I		P
7440-41-7	Beryllium	0.057	1.1	0.225	I		P
7440-43-9	Cadmium	0.23	1.1	1.5			P
7440-48-4	Cobalt	1.1	11.4	1.2	I		P
7440-47-3	Chromium	0.46	2.3	16.4			P
7440-50-8	Copper	0.68	5.7	38.8		J3	P
7439-89-6	Iron	6.8	22.8	3920			P
9/7/7440	Potassium	228	1140	1320		J3	P
7439-95-4	Magnesium	228	1140	6890			P
7439-96-5	Manganese	0.68	3.4	33.7			P
7440-23-5	Sodium	228	1140	21500			P
7440-02-0	Nickel	1.1	9.1	8.9	I		P
7439-92-1	Lead	0.34	0.68	55.3			P
7440-36-0	Antimony	1.1	13.7		U		P
7782-49-2	Selenium	0.68	1.1	1.6			P
7440-31-5	Tin	2.3	22.8	9.0	I		P
7440-28-0	Thallium	0.68	2.3		U		P
7440-62-2	Vanadium	1.1	11.4	14.8			P
7440-66-6	Zinc	1.1	4.6	123			P
7440-70-2	Calcium	5700	28500	254000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-14

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 21 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.058	0.14	0.14	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-15

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 28 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.18	1.8		U		P
7429-90-5	Aluminum	8.9	35.7	1620			P
7440-38-2	Arsenic	0.54	1.8	2.1			P
7440-39-3	Barium	0.89	35.7	8.7	I		P
7440-41-7	Beryllium	0.045	0.89	0.069	I		P
7440-43-9	Cadmium	0.18	0.89	1.9			P
7440-48-4	Cobalt	0.89	8.9		U		P
7440-47-3	Chromium	0.36	1.8	10.7			P
7440-50-8	Copper	0.54	4.5	32.4		J3	P
7439-89-6	Iron	5.4	17.9	2860			P
9/7/7440	Potassium	179	893	938		J3	P
7439-95-4	Magnesium	179	893	3990			P
7439-96-5	Manganese	0.54	2.7	19.8			P
7440-02-0	Nickel	0.89	7.1	4.3	I		P
7439-92-1	Lead	0.27	0.54	64.3			P
7440-36-0	Antimony	0.89	10.7		U		P
7782-49-2	Selenium	0.54	0.89		U		P
7440-31-5	Tin	1.8	17.9	7.6	I		P
7440-28-0	Thallium	0.89	1.8		U		P
7440-62-2	Vanadium	0.89	8.9	5.9	I		P
7440-66-6	Zinc	0.89	3.6	87.3			P
7440-70-2	Calcium	4460	22300	266000			P
7440-23-5	Sodium	893	4460	17500			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SD-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-15

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 28 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.039	0.097	0.082	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SD-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-24

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 36 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	0.69	8.3		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SD-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-25

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 34 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	0.70	8.4		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SD-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-26

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 11 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	2.3	27.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S4-SD-04-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-27

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 8.1 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	3.1	37.6		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SS-101-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-28

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 89 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.014	0.281	0.015	I		P
7440-43-9	Cadmium	0.056	0.28	1.4			P
7440-36-0	Antimony	0.28	3.4		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S4-SS-102-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-29

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 81 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.015	0.309	0.044	I		P
7440-43-9	Cadmium	0.062	0.31	5.0			P
7440-36-0	Antimony	0.31	3.7	0.52	I		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SS-103-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-30

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 91 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.014	0.272	0.096	I		P
7440-43-9	Cadmium	0.054	0.27	14.8			P
7440-36-0	Antimony	0.27	3.3	0.38	I		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SS-104-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-31

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 80 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.016	0.311	0.032	I		P
7440-43-9	Cadmium	0.062	0.31	9.2			P
7440-36-0	Antimony	0.31	3.7	0.50	I		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SS-105-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-32

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 90 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.014	0.274		U		P
7440-43-9	Cadmium	0.055	0.27	1.4			P
7440-36-0	Antimony	0.27	3.3		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SS-106-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-33

Level (low/med): LOW Date Sampled: 11/9/2006

% Solids: 86 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-41-7	Beryllium	0.014	0.288	0.017	I		P
7440-43-9	Cadmium	0.058	0.29	0.79			P
7440-36-0	Antimony	0.29	3.5	0.29	I		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-16

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 40 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.12	1.2		U		P
7429-90-5	Aluminum	6.2	24.6	726			P
7440-38-2	Arsenic	0.37	1.2	3.0			P
7440-39-3	Barium	0.62	24.6	8.4	I		P
7440-41-7	Beryllium	0.031	0.62		U		P
7440-43-9	Cadmium	0.12	0.62	0.17	I		P
7440-48-4	Cobalt	0.62	6.2		U		P
7440-47-3	Chromium	0.25	1.2	3.3			P
7440-50-8	Copper	0.37	3.1	2.2	I	J3	P
7439-89-6	Iron	3.7	12.3	405			P
9/7/7440	Potassium	123	616	1020		J3	P
7439-95-4	Magnesium	123	616	12000			P
7439-96-5	Manganese	0.37	1.8	9.4			P
7440-02-0	Nickel	0.62	4.9	0.78	I		P
7439-92-1	Lead	0.18	0.37	6.9			P
7440-36-0	Antimony	0.62	7.4		U		P
7782-49-2	Selenium	0.37	0.62		U		P
7440-31-5	Tin	1.2	12.3	4.5	I		P
7440-28-0	Thallium	0.72	1.2		U		P
7440-62-2	Vanadium	0.62	6.2	4.4	I		P
7440-66-6	Zinc	0.62	2.5	6.6			P
7440-70-2	Calcium	6160	30800	310000			P
7440-23-5	Sodium	616	3080	19800			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-16

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 40 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.031	0.078	0.040	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-17

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 46 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	0.11	1.1		U		P
7429-90-5	Aluminum	5.3	21.0	560			P
7440-38-2	Arsenic	0.32	1.1	1.5			P
7440-39-3	Barium	0.53	21.0	6.9	I		P
7440-41-7	Beryllium	0.026	0.53		U		P
7440-43-9	Cadmium	0.10	0.53	0.14	I		P
7440-48-4	Cobalt	0.53	5.3		U		P
7440-47-3	Chromium	0.21	1.1	3.0			P
7440-50-8	Copper	0.32	2.6	1.6	I	J3	P
7439-89-6	Iron	3.2	10.5	349			P
9/7/7440	Potassium	105	525	819		J3	P
7439-95-4	Magnesium	105	525	15200			P
7439-96-5	Manganese	0.32	1.6	10.8			P
7440-02-0	Nickel	0.53	4.2		U		P
7439-92-1	Lead	0.16	0.32	5.3			P
7440-36-0	Antimony	0.53	6.3		U		P
7782-49-2	Selenium	0.32	0.53		U		P
7440-31-5	Tin	1.1	10.5	3.7	I		P
7440-28-0	Thallium	0.64	1.1		U		P
7440-62-2	Vanadium	0.53	5.3	3.0	I		P
7440-66-6	Zinc	0.53	2.1	4.5			P
7440-70-2	Calcium	5250	26300	308000			P
7440-23-5	Sodium	525	2630	16000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Thallium MDL increased due to negative bias. 12/11/06 BLD

Empirical Laboratories

USEPA - 7471A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SD-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-17

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 46 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.024	0.060	0.032	I		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SS-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-18

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 92 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-38-2	Arsenic	0.16	0.54	5.7			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5-SS-02-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-19

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 86 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-38-2	Arsenic	0.17	0.58	15.7			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SS-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-20

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 90 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-38-2	Arsenic	0.16	0.54	9.3			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SS-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST04

Matrix: SOIL Lab Sample ID: 0611108-21

Level (low/med): LOW Date Sampled: 11/8/2006

% Solids: 89 Date Received: 11/10/2006

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-38-2	Arsenic	0.16	0.55	7.8			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

APPENDIX C
SUPPORT DOCUMENTATION

Empirical Laboratories

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1192006-2

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	**KEY WEST NAS**	**Chuck Bryan**	**Federal Express**	**Empirical Laboratories** **227 French Landing Drive, Suite 550** **Nashville, TN 37228**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
CTO 0044	**Standard**	**Gary Braganza**		**Marcia McGinnity** **(615) 345-1119 x232**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
											061108-1
11/07/2006	S2-SD-01-00-1106	08:35	**SW-846 6020**	S2-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-01-00-1106	08:35	**SW-846 8081 / 8270C**	S2-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-02-00-1106	08:56	**SW-846 6020**	S2-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-02-00-1106	08:56	**SW-846 8081 / 8270C**	S2-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	**SW-846 6020**	S2-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	**SW-846 8081 / 8270C**	S2-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-04-00-1106	11:10	**SW-846 6020**	S2-SW/SD-04	SD	TAL Metals + Tin	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-04-00-1106	11:10	**SW-846 8081 / 8270C**	S2-SW/SD-04	SD	Pesticides / SVOCs	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	**SW-846 6020**	S2-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	**SW-846 8081 / 8270C**	S2-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-06-00-1106	12:18	**SW-846 6020**	S2-SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-06-00-1106	12:18	**SW-846 8081 / 8270C**	S2-SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	**SW-846 6020**	S2-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	**SW-846 8081 / 8270C**	S2-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	**SW-846 6020**	S2-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	**SW-846 8081 / 8270C**	S2-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	**SW-846 6020**	S2-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	**SW-846 8081 / 8270C**	S2-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available

02
03
04
05
06
07
08
09

000008

11/07/2006	[redacted]SD-10-00-1106	16:24	SW-846 6020	S2-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108 10
11/07/2006	S2-SD-10-00-1106	16:24	SW-846 8081 / 8270C	S2-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 6020	S2-SW/SD-01	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-01
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-01	SW	Pesticides / SVOCs	4°C	2	Glass	1L Amber	Run and report Salinity on sample. 2 of 3 bottles collected	
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 6020	S2-SW/SD-02	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		02
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 8081 / 8270C	S2-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 6020	S2-SW/SD-03	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		03
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 8081 / 8270C	S2-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 6020	S2-SW/SD-04	SW	TAL Metals + Tin	4° C/HNO3	3	Plastic	500ml PE	Do MS/MSD	04
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 8081 / 8270C	S2-SW/SD-04	SW	Pesticides / SVOCs	4°C	9	Glass	1L Amber	Do MS/MSD	
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 6020	S2-SW/SD-05	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		05
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 8081 / 8270C	S2-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 6020	S2-SW-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		06
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 8081 / 8270C	S2-SW-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 6020	S2-SW/SD-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		07
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 8081 / 8270C	S2-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 6020	S2-SW/SD-08	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		08
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 8081 / 8270C	S2-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 6020	S2-SW-09	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		09
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 8081 / 8270C	S2-SW-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 6020	S2-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		10
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 8081 / 8270C	S2-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 6020	S1-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-11
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 8081 / 8270C	S1-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 6020	S1-SW/SD-11	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	12
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 8081 / 8270C	S1-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061109-11
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 6020	S1-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-11
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 8081 / 8270C	S1-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 6020	S1-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		12
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 8081 / 8270C	S1-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		

Analytical Laboratories

000039

	[redacted]06			11						cap		061108-
11/08/2006	S2-SD-11-00-1106	08:31	SW-846 8081 / 8270C	S2-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available	15
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 6020	S2-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	14
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 8081 / 8270C	S2-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 6020	S2-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	15
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 8081 / 8270C	S2-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 6020	S2-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-13
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 6020	S2-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		14
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 8081 / 8270C	S2-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Run and report Salinity on sample	
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 6020	S2-SW/SD-13	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		15
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 8081 / 8270C	S2-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 6020	S5-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-16
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 8081 / 8270C	S5-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 6020	S5-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	17
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SS-01-00-1106	14:52	SW-846 6010B	S5-SS-01	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		18
11/08/2006	S5-SS-02-00-1106	14:57	SW-846 6010B	S5-SS-02	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		19
11/08/2006	S5-SS-03-00-1106	14:59	SW-846 6010B	S5-SS-03	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		20
11/08/2006	S5-SS-04-00-1106	15:02	SW-846 6010B	S5-SS-04	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		21
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 6020	S5-SW/SD-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-16
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 8081 / 8270C	S5-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S5-SW-07-00-1106	11:58	SW-846 6020	S5-SW-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		17
11/08/2006	S5-SW-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 6020	S1-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-22
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 8081 / 8270C	S1-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 6020	S1-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	23
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 8081 / 8270C	S1-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 6020	S1-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-18
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 8081 / 8270C	S1-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/09/2006	S1-SW-13-00-	08:16	SW-846 6020	S1-SW/SD-	SW	TAL Metals + Tin	4°	1	Plastic	500ml PE		19

Environmental Laboratories

11/0[redacted]2006	[redacted]-SW-13-00-1106	08:16	**SW-846 8081 / 8270C**	S1-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		061109-19
11/09/2006	S4-SD-01-00-1106	09:32	**SW-846 6010B***	S4-SD-01	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		061108-24
11/09/2006	S4-SD-02-00-1106	09:49	**SW-846 6010B***	S4-SD-02	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		25
11/09/2006	S4-SD-03-00-1106	09:55	**SW-846 6010B***	S4-SD-03	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		26
11/09/2006	S4-SD-04-00-1106	10:05	**SW-846 6010B***	S4-SD-04	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		27
11/09/2006	S4-SS-101-00-1106	10:34	**SW-846 6010B****	S4-SS-101	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		28
11/09/2006	S4-SS-102-00-1106	10:39	**SW-846 6010B****	S4-SS-102	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		29
11/09/2006	S4-SS-103-00-1106	10:43	**SW-846 6010B****	S4-SS-103	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		30
11/09/2006	S4-SS-104-00-1106	10:47	**SW-846 6010B****	S4-SS-104	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		31
11/09/2006	S4-SS-105-00-1106	10:50	**SW-846 6010B****	S4-SS-105	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		32
11/09/2006	S4-SS-106-00-1106	10:54	**SW-846 6010B****	S4-SS-106	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		33
11/09/2006	S4-SW-01-00-1106	13:50	**SW-846 6010B**	S4-SW-01	SW	Antimony	4°C	1	Plastic	250ml PE		061109-20
11/09/2006	S4-SW-02-00-1106	14:02	**SW-846 6010B**	S4-SW-02	SW	Antimony	4°C	1	Plastic	250ml PE		21
11/09/2006	S4-SW-03-00-1106	14:15	**SW-846 6010B**	S4-SW-03	SW	Antimony	4°C	1	Plastic	250ml PE		22
11/09/2006	S4-SW-04-00-1106	14:25	**SW-846 6010B**	S4-SW-04	SW	Antimony	4°C	1	Plastic	250ml PE		23

Empirical laboratories

1. Relinquished By: **John Wright**	Date: 11/09/2006	Time: 17:30	Received By: **Federal Express**	Date: 11/09/2006	Time: 17:30
2. Relinquished By:	Date:	Time:	Received By:	Date: 11-10-06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 2.5

000021

HOLDTIME

SDG KEYWEST04

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/29/2006	11/30/2006	20	1	21
HG	MG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/29/2006	11/30/2006	20	1	21
HG	MG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/29/2006	11/30/2006	21	1	22
HG	MG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
HG	MG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/29/2006	11/30/2006	22	1	23
M	MG/KG	S4-SS-102-00-1106	0611108-29	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SD-01-00-1106	0611108-24	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SD-04-00-1106	0611108-27	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SD-03-00-1106	0611108-26	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SD-02-00-1106	0611108-25	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SS-101-00-1106	0611108-28	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S4-SS-103-00-1106	0611108-30	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S5-SS-03-00-1106	0611108-20	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S4-SS-104-00-1106	0611108-31	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S4-SS-105-00-1106	0611108-32	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S4-SS-106-00-1106	0611108-33	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/28/2006	12/6/2006	20	8	28
M	MG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S5-SS-02-00-1106	0611108-19	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S5-SS-04-00-1106	0611108-21	NM	11/8/2006	11/29/2006	12/4/2006	21	5	26
M	MG/KG	S5-SS-01-00-1106	0611108-18	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/28/2006	12/5/2006	20	7	27
M	MG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/29/2006	12/5/2006	20	6	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/29/2006	12/4/2006	20	5	25
M	MG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/29/2006	12/5/2006	20	6	26
M	MG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/28/2006	11/29/2006	20	1	21
M	MG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
OS	%	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	%	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	%	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	%	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	%	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	UG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	UG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	UG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	UG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
PEST	%	S2-SD-10-00-1106DL	0611108-10DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-09-00-1106DL	0611108-09DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-08-00-1106DL	0611108-08DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-07-00-1106DL	0611108-07DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-11-00-1106DL	0611108-13DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-12-00-1106DL	0611108-14DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S2-SD-13-00-1106DL	0611108-15DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S5-SD-06-00-1106DL	0611108-16DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-06-00-1106DL	0611108-06DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S5-SD-07-00-1106DL	0611108-17DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S1-SD-10-00-1106DL	0611108-11DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/29/2006	11/29/2006	21	0	21
PEST	%	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S1-SD-11-00-1106DL	0611108-12DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	%	S1-SD-12-00-1106DL	0611108-22DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	%	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	%	S1-SD-13-00-1106DL	0611108-23DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	%	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-04-00-1106DL	0611108-04DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-01-00-1106DL	0611108-01DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-02-00-1106DL	0611108-02DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-03-00-1106DL	0611108-03DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-05-00-1106DL	0611108-05DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-10-00-1106DL	0611108-10DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-09-00-1106DL	0611108-09DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-08-00-1106DL	0611108-08DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-07-00-1106DL	0611108-07DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-12-00-1106DL	0611108-14DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S5-SD-06-00-1106DL	0611108-16DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-13-00-1106DL	0611108-15DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-06-00-1106DL	0611108-06DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-11-00-1106DL	0611108-13DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S2-SD-01-00-1106DL	0611108-01DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S5-SD-07-00-1106DL	0611108-17DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/29/2006	11/29/2006	21	0	21
PEST	UG/KG	S1-SD-10-00-1106DL	0611108-11DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S1-SD-11-00-1106DL	0611108-12DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	UG/KG	S1-SD-12-00-1106DL	0611108-22DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	UG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S1-SD-13-00-1106DL	0611108-23DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-02-00-1106DL	0611108-02DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-03-00-1106DL	0611108-03DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-04-00-1106DL	0611108-04DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-05-00-1106DL	0611108-05DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21

EMPIRICAL LABORATORIES
COOLER RECEIPT FORM

LIMS Number 0611108, 0611105 COC ID(s): 112600486 - 1192006-C

Client Tetra Tech Project 112600486

Sample Custodian Andy Bates Today's Date 11-10-06

Date/Time Samples Received 11-10 900
Airbill Number FX
Cooler Opened: Date 11-10

Chain of custody seal intact?	(Yes)	No
Chain of custody provided?	(Yes)	No
Sample labels present?	(Yes)	No
Bottle labels correspond w/COC	(Yes)	No

Number of Custody Seals on Cooler(s): 2 Seal Date(s): 11-9

Type of coolant used ICE

Coolant condition : Melted _____ Partially melted/frozen /
Frozen _____

# of Coolers 5 Temp. of Coolers 2.5

Condition of Bottles in Shipment: Broken Leaking (Intact) Missing

If broken or leaking list sample ID#s and bottle types affected:

Comments:

Empirical Laboratories

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 04
Work Order # 0611108
November, 2006

Empirical Laboratories ID	Client ID
0611108-01	S2-SD-01-00-1106
0611108-02	S2-SD-02-00-1106
0611108-03	S2-SD-03-00-1106
0611108-04	S2-SD-04-00-1106
0611108-05	S2-SD-05-00-1106
0611108-06	S2-SD-06-00-1106
0611108-07	S2-SD-07-00-1106
0611108-08	S2-SD-08-00-1106
0611108-09	S2-SD-09-00-1106
0611108-10	S2-SD-10-00-1106
0611108-11	S1-SD-10-00-1106
0611108-12	S1-SD-11-00-1106
0611108-13	S2-SD-11-00-1106
0611108-14	S2-SD-12-00-1106
0611108-15	S2-SD-13-00-1106
0611108-16	S5-SD-06-00-1106
0611108-17	S5-SD-07-00-1106
0611108-18	S5-SS -01-00-1106
0611108-19	S5-SS -02-00-1106
0611108-20	S5-SS -03-00-1106
0611108-21	S5-SS -04-00-1106
0611108-22	S1-SD -12-00-1106
0611108-23	S1-SD -13-00-1106
0611108-24	S4-SD -01-00-1106
0611108-25	S4-SD -02-00-1106
0611108-26	S4-SD -03-00-1106
0611108-27	S4-SD -04-00-1106
0611108-28	S4-SS -101-00-1106
0611108-29	S4-SS -102-00-1106
0611108-30	S4-SS -103-00-1106
0611108-31	S4-SS -104-00-1106
0611108-32	S4-SS -105-00-1106
0611108-33	S4-SS-106-00-1106

I certify that, based upon my inquiry of those individuals immediately responsible for obtaining the information and to the best of my knowledge, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Betty DeVille

Betty DeVille
Inorganic Lab Manager

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 04
Work Order # 0611108
November, 2006

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

The samples were digested by USEPA SW846 method 3050B and analyzed by method 6010B. Method 7471A was used to analyze Mercury. Note: The "I" flag indicates that the analyte result is between the laboratory reporting limit and the laboratory MDL. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

IV. PREPARATION

The sample was digested by USEPA Method 3050B. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

V. ANALYSIS 11/29/06, 12/04/06, 12/05/06, 12/06/06 (ICAP Metals); 11/30/06, 12/04/06 (Mercury)

A. Calibration: All calibration criteria were met.

B. Blanks: The preparation blank # PBS112906D was greater than ½ the RL for mercury at 0.026 mg/kg. The RL for mercury is at 0.033 mg/kg. All sample concentrations were less than the MDL with the following exceptions: S2-SD-12-00-1106, S2-SD-13-00-1106, S5-SD-06-00-1106, S5-SD-07-00-1106 and S1-SD-13-00-1106. These sample concentrations were all less than the reporting limit but greater than the MDL. These sample may be biased slightly high for mercury.

Both preparation blanks were flagged with an "I" for tin because the concentrations were greater than the MDL but less than the RL. Since they were less than ½ the RL they met the

specification limits for the preparation blank.

C. **Spikes:** All matrix spikes quality control criteria were met with the following exceptions: The matrix spike and/or the matrix spike duplicate was out of the specification limits for copper at 135.4 and 204.3% and for potassium at 144.2 and 136.1% on sample S2-SD-04-00-1106. The post digestion spike recovery was at 113.4% for copper and 125.7% for potassium. **All associated data is flagged with a "J3" on the final report.** Note: Calcium and sodium were over the linear range and the sample concentration was greater than four times the spike concentration so the samples would not be flagged and matrix spike data could not be reported. Aluminum, iron and magnesium had concentrations greater than four times the concentration of the spike, so samples were not flagged according to these spike recoveries.

D. **Duplicates:** All duplicate quality control criteria were met with the following exceptions: The relative percent difference between the matrix spike and the matrix spike duplicate is out of the specification limits of 20% at 28.3% for copper for sample S2-SD-04-00-1106. **All associated data is flagged with a "J3" on the final report.**

E. **Serial Dilutions:** All serial dilution quality control criteria were met.

F. **Samples:** All sample analysis proceeded normally with the following exception: Several samples had negative results for thallium due to matrix. The MDL was raised when this occurred. These samples are noted in the comments section of the form one.

G. **Laboratory Control Samples:** All percent recovery quality control criteria were met.

Batching Information

SDG No.: KeyWest04
Contract: Tetra Tech NUS, Inc.

Batch Number: ICP112806A - ICP Metals

PBS112806A	PBS112806A	MB	SOIL
LCSS112806A	LCSS112806A	LCS	SOIL
0611108-01	S2-SD-01-00-1106	SAM	SOIL
0611108-02	S2-SD-02-00-1106	SAM	SOIL
0611108-03	S2-SD-03-00-1106	SAM	SOIL
0611108-04	S2-SD-04-00-1106	SAM	SOIL
0611108-04S	S2-SD-04-00-1106S	MS	SOIL
0611108-04SD	S2-SD-04-00-1106SD	MSD	SOIL
0611108-05	S2-SD-05-00-1106	SAM	SOIL
0611108-06	S2-SD-06-00-1106	SAM	SOIL
0611108-07	S2-SD-07-00-1106	SAM	SOIL
0611108-08	S2-SD-08-00-1106	SAM	SOIL
0611108-09	S2-SD-09-00-1106	SAM	SOIL
0611108-10	S2-SD-10-00-1106	SAM	SOIL
0611108-11	S1-SD-10-00-1106	SAM	SOIL
0611108-12	S1-SD-11-00-1106	SAM	SOIL
0611108-13	S2-SD-11-00-1106	SAM	SOIL
0611108-14	S2-SD-12-00-1106	SAM	SOIL
0611108-15	S2-SD-13-00-1106	SAM	SOIL
0611108-16	S5-SD-06-00-1106	SAM	SOIL
0611108-17	S5-SD-07-00-1106	SAM	SOIL
0611108-18	S5-SS-01-00-1106	SAM	SOIL
0611108-19	S5-SS-02-00-1106	SAM	SOIL
0611108-20	S5-SS-03-00-1106	SAM	SOIL

Batch Number: ICP112906A - ICP Metals

PBS112906A	PBS112906A	MB	SOIL
LCSS112906A	LCSS112906A	LCS	SOIL
0611108-21	S5-SS-04-00-1106	SAM	SOIL
0611108-22	S1-SD-12-00-1106	SAM	SOIL
0611108-23	S1-SD-13-00-1106	SAM	SOIL
0611108-24	S4-SD-01-00-1106	SAM	SOIL
0611108-25	S4-SD-02-00-1106	SAM	SOIL
0611108-26	S4-SD-03-00-1106	SAM	SOIL
0611108-27	S4-SD-04-00-1106	SAM	SOIL
0611108-28	S4-SS-101-00-1106	SAM	SOIL
0611108-29	S4-SS-102-00-1106	SAM	SOIL
0611108-30	S4-SS-103-00-1106	SAM	SOIL
0611108-31	S4-SS-104-00-1106	SAM	SOIL
0611108-32	S4-SS-105-00-1106	SAM	SOIL
0611108-33	S4-SS-106-00-1106	SAM	SOIL
0611108-33S	S4-SS-106-00-1106S	MS	SOIL
0611108-33SD	S4-SS-106-00-1106SD	MSD	SOIL

Batch Number: HG112906C - Mercury

PBS112906C	PBS112906C	MB	SOIL
LCSS112906C	LCSS112906C	LCS	SOIL
0611108-01	S2-SD-01-00-1106	SAM	SOIL
0611108-02	S2-SD-02-00-1106	SAM	SOIL

Batching Information

SDG No.: KeyWest04
Contract: Tetra Tech NUS, Inc.

Batch Number: HG112906C - Mercury (cont.)

0611108-03	S2-SD-03-00-1106	SAM	SOIL
0611108-04	S2-SD-04-00-1106	SAM	SOIL
0611108-04S	S2-SD-04-00-1106S	MS	SOIL
0611108-04SD	S2-SD-04-00-1106SD	MSD	SOIL
0611108-05	S2-SD-05-00-1106	SAM	SOIL
0611108-06	S2-SD-06-00-1106	SAM	SOIL
0611108-07	S2-SD-07-00-1106	SAM	SOIL
0611108-08	S2-SD-08-00-1106	SAM	SOIL
0611108-09	S2-SD-09-00-1106	SAM	SOIL

Batch Number: HG112906D - Mercury

PBS112906D	PBS112906D	MB	SOIL
LCSS112906D	LCSS112906D	LCS	SOIL
0611108-10	S2-SD-10-00-1106	SAM	SOIL
0611108-11	S1-SD-10-00-1106	SAM	SOIL
0611108-12	S1-SD-11-00-1106	SAM	SOIL
0611108-13	S2-SD-11-00-1106	SAM	SOIL
0611108-14	S2-SD-12-00-1106	SAM	SOIL
0611108-15	S2-SD-13-00-1106	SAM	SOIL
0611108-16	S5-SD-06-00-1106	SAM	SOIL
0611108-17	S5-SD-07-00-1106	SAM	SOIL
0611108-17S	S5-SD-07-00-1106S	MS	SOIL
0611108-17SD	S5-SD-07-00-1106SD	MSD	SOIL
0611108-23	S1-SD-13-00-1106	SAM	SOIL
0611108-22	S1-SD-12-00-1106	SAM	SOIL

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S2-SD-01-00-1106	0611108-01
S2-SD-02-00-1106	0611108-02
S2-SD-03-00-1106	0611108-03
S2-SD-04-00-1106	0611108-04
S2-SD-04-00-1106S	0611108-04S
S2-SD-04-00-1106SD	0611108-04SD
S2-SD-05-00-1106	0611108-05
S2-SD-06-00-1106	0611108-06
S2-SD-07-00-1106	0611108-07
S2-SD-08-00-1106	0611108-08
S2-SD-09-00-1106	0611108-09
S2-SD-10-00-1106	0611108-10
S1-SD-10-00-1106	0611108-11
S1-SD-11-00-1106	0611108-12
S2-SD-11-00-1106	0611108-13
S2-SD-12-00-1106	0611108-14
S2-SD-13-00-1106	0611108-15
S5-SD-06-00-1106	0611108-16
S5-SD-07-00-1106	0611108-17
S5-SD-07-00-1106S	0611108-17S

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

D _____ Title: Vice-President

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S5-SD-07-00-1106SD	0611108-17SD
S5-SS-01-00-1106	0611108-18
S5-SS-02-00-1106	0611108-19
S5-SS-03-00-1106	0611108-20
S5-SS-04-00-1106	0611108-21
S1-SD-12-00-1106	0611108-22
S1-SD-13-00-1106	0611108-23
S4-SD-01-00-1106	0611108-24
S4-SD-02-00-1106	0611108-25
S4-SD-03-00-1106	0611108-26
S4-SD-04-00-1106	0611108-27
S4-SS-101-00-1106	0611108-28
S4-SS-102-00-1106	0611108-29
S4-SS-103-00-1106	0611108-30
S4-SS-104-00-1106	0611108-31
S4-SS-105-00-1106	0611108-32
S4-SS-106-00-1106	0611108-33
S4-SS-106-00-1106S	0611108-33S
S4-SS-106-00-1106SD	0611108-33SD

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

_____ Title: Vice-President

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	10000.0	10369.57	103.7	10000.0	10562.38	105.6	10517.63	105.2	P
Antimony	1000.0	968.04	96.8	1000.0	1008.74	100.9	985.87	98.6	P
Arsenic	1000.0	1020.78	102.1	1000.0	1036.06	103.6	1024.39	102.4	P
Barium	1000.0	980.95	98.1	1000.0	1004.19	100.4	996.05	99.6	P
Beryllium	1000.0	1064.72	106.5	1000.0	1078.20	107.8	1070.80	107.1	P
Cadmium	1000.0	1064.00	106.4	1000.0	1047.96	104.8	1051.39	105.1	P
Calcium	1000.0	1049.87	105.0	1000.0	1057.20	105.7	1103.11	110.3	P
Chromium	1000.0	1022.49	102.2	1000.0	1026.70	102.7	1030.33	103.0	P
Cobalt	1000.0	1003.10	100.3	1000.0	1015.34	101.5	1007.36	100.7	P
Copper	1000.0	1008.09	100.8	1000.0	1027.67	102.8	1023.50	102.4	P
Iron	10000.0	10247.82	102.5	10000.0	10401.35	104.0	10428.33	104.3	P
Lead	1000.0	1009.05	100.9	1000.0	1020.28	102.0	1016.98	101.7	P
Magnesium	1000.0	956.77	95.7	1000.0	971.04	97.1	975.22	97.5	P
Manganese	1000.0	1023.83	102.4	1000.0	1047.98	104.8	1047.66	104.8	P
Mercury	4.0	4.13	103.2	12/06 4.0/2.0	4.08	102.0	2.03	101.5	AV
Nickel	1000.0	1006.97	100.7	1000.0	1025.08	102.5	1023.53	102.4	P
Potassium	10000.0	9475.03	94.8	10000.0	9696.99	97.0	9546.35	95.5	P
Selenium	1000.0	1031.69	103.2	1000.0	1028.64	102.9	1024.77	102.5	P
Silver	500.0	483.02	96.6	500.0	492.52	98.5	487.32	97.5	P
Sodium	11000.0	10737.65	97.6	11000.0	10947.17	99.5	10794.44	98.1	P
Thallium	1000.0	969.93	97.0	1000.0	1001.91	100.2	993.23	99.3	P
Tin	1000.0	982.36	98.2	1000.0	978.14	97.8	960.26	96.0	P
Vanadium	1000.0	1012.36	101.2	1000.0	1019.90	102.0	1022.93	102.3	P
Zinc	1000.0	1032.42	103.2	1000.0	1035.92	103.6	1033.34	103.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10454.29	104.5	10642.48	106.4	P
Antimony				1000.0	986.01	98.6	1005.22	100.5	P
Arsenic				1000.0	1023.34	102.3	1041.52	104.2	P
Barium				1000.0	992.45	99.2	1009.99	101.0	P
Beryllium				1000.0	1061.56	106.2	1075.99	107.6	P
Cadmium				1000.0	1042.13	104.2	1055.17	105.5	P
Calcium				1000.0	1050.13	105.0	1027.92	102.8	P
Chromium				1000.0	1027.33	102.7	1042.34	104.2	P
Cobalt				1000.0	1000.05	100.0	1011.61	101.2	P
Copper				1000.0	1020.12	102.0	1039.94	104.0	P
Iron				10000.0	10426.89	104.3	10587.23	105.9	P
Lead				1000.0	1012.45	101.2	1022.88	102.3	P
Magnesium				1000.0	971.41	97.1	992.09	99.2	P
Manganese				1000.0	1049.37	104.9	1065.38	106.5	P
Mercury				Spk 2.0/4.0	2.00	100.0	4.16	104.0	AV
Nickel				1000.0	1020.25	102.0	1032.27	103.2	P
Potassium				10000.0	9465.74	94.7	9601.77	96.0	P
Selenium				1000.0	1009.97	101.0	1030.56	103.1	P
Silver				500.0	485.28	97.1	492.65	98.5	P
Sodium				11000.0	10712.84	97.4	10839.94	98.5	P
Thallium				1000.0	984.15	98.4	993.69	99.4	P
Tin				1000.0	942.02	94.2	963.11	96.3	P
Vanadium				1000.0	1020.45	102.0	1035.43	103.5	P
Zinc				1000.0	1025.07	102.5	1033.33	103.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				4.0	4.13	103.2	4.04	101.0	AV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				4.0	4.08	102.0			AV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10394.02	103.9	10000.0	10448.17	104.5	10615.96	106.2	P
Antimony	1000.0	959.36	95.9	1000.0	1001.44	100.1	1008.72	100.9	P
Arsenic	1000.0	1023.60	102.4	1000.0	1034.25	103.4	1047.62	104.8	P
Barium	1000.0	1003.40	100.3	1000.0	997.09	99.7	1010.69	101.1	P
Beryllium	1000.0	1055.09	105.5	1000.0	1064.51	106.5	1066.95	106.7	P
Cadmium	1000.0	1053.18	105.3	1000.0	1039.31	103.9	1045.42	104.5	P
Calcium	1000.0	1027.79	102.8	1000.0	1019.08	101.9	995.45	99.5	P
Chromium	1000.0	1011.35	101.1	1000.0	1018.10	101.8	1020.14	102.0	P
Cobalt	1000.0	995.89	99.6	1000.0	1006.42	100.6	1012.08	101.2	P
Copper	1000.0	1010.81	101.1	1000.0	1022.32	102.2	1032.41	103.2	P
Iron	10000.0	10198.57	102.0	10000.0	10257.22	102.6	10310.58	103.1	P
Lead	1000.0	1004.10	100.4	1000.0	1016.39	101.6	1022.10	102.2	P
Magnesium	1000.0	944.59	94.5	1000.0	956.77	95.7	959.77	96.0	P
Manganese	1000.0	1014.30	101.4	1000.0	1037.14	103.7	1039.62	104.0	P
Mercury	4.0	4.14	103.5	4.0	4.05	101.2	4.01	100.2	AV
Nickel	1000.0	996.93	99.7	1000.0	1019.89	102.0	1026.37	102.6	P
Potassium	10000.0	9634.63	96.3	10000.0	9592.77	95.9	9794.52	97.9	P
Selenium	1000.0	1043.99	104.4	1000.0	1046.41	104.6	1062.49	106.2	P
Silver	500.0	494.50	98.9	500.0	491.86	98.4	497.13	99.4	P
Sodium	11000.0	10967.04	99.7	11000.0	10975.03	99.8	11030.09	100.3	P
Thallium	1000.0	977.17	97.7	1000.0	1021.72	102.2	1026.07	102.6	P
Tin	1000.0	982.17	98.2	1000.0	980.21	98.0	997.60	99.8	P
Vanadium	1000.0	1004.88	100.5	1000.0	1013.38	101.3	1019.37	101.9	P
Zinc	1000.0	1018.94	101.9	1000.0	1028.84	102.9	1030.37	103.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10582.37	105.8	10583.39	105.8	P
Antimony				1000.0	1018.16	101.8	1018.97	101.9	P
Arsenic				1000.0	1047.06	104.7	1046.78	104.7	P
Barium				1000.0	1009.35	100.9	1006.53	100.7	P
Beryllium				1000.0	1079.05	107.9	1089.74	109.0	P
Cadmium				1000.0	1050.59	105.1	1055.52	105.6	P
Calcium				1000.0	1059.99	106.0	1167.18	116.7	P
Chromium				1000.0	1025.23	102.5	1028.50	102.8	P
Cobalt				1000.0	1019.58	102.0	1025.94	102.6	P
Copper				1000.0	1032.78	103.3	1028.68	102.9	P
Iron				10000.0	10367.24	103.7	10411.67	104.1	P
Lead				1000.0	1027.67	102.8	1030.67	103.1	P
Magnesium				1000.0	958.34	95.8	964.18	96.4	P
Manganese				1000.0	1046.19	104.6	1049.11	104.9	P
Mercury				4.0	3.99	99.8			AV
Nickel				1000.0	1031.72	103.2	1033.14	103.3	P
Potassium				10000.0	9756.16	97.6	9715.93	97.2	P
Selenium				1000.0	1066.73	106.7	1067.25	106.7	P
Silver				500.0	498.14	99.6	500.06	100.0	P
Sodium				11000.0	11064.16	100.6	11130.55	101.2	P
Thallium				1000.0	1025.56	102.6	1027.70	102.8	P
Tin				1000.0	999.16	99.9	1008.36	100.8	P
Vanadium				1000.0	1021.43	102.1	1021.32	102.1	P
Zinc				1000.0	1039.56	104.0	1048.33	104.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10530.33	105.3			P
Antimony				1000.0	972.98	97.3			P
Arsenic				1000.0	1037.09	103.7			P
Barium				1000.0	1008.17	100.8			P
Beryllium				1000.0	1064.51	106.5			P
Cadmium				1000.0	1069.42	106.9			P
Calcium				1000.0	1009.75	101.0			P
Chromium				1000.0	1025.45	102.5			P
Cobalt				1000.0	1003.58	100.4			P
Copper				1000.0	1019.17	101.9			P
Iron				10000.0	10378.75	103.8			P
Lead				1000.0	1019.25	101.9			P
Magnesium				1000.0	955.44	95.5			P
Manganese				1000.0	1027.92	102.8			P
Nickel				1000.0	1015.01	101.5			P
Potassium				10000.0	9742.99	97.4			P
Selenium				1000.0	1066.10	106.6			P
Silver				500.0	498.93	99.8			P
Sodium				11000.0	10987.14	99.9			P
Thallium				1000.0	982.62	98.3			P
Tin				1000.0	979.60	98.0			P
Vanadium				1000.0	1019.43	101.9			P
Zinc				1000.0	1031.69	103.2			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium	1000.0	1051.29	105.1	1000.0	1067.05	106.7	1042.70	104.3	P
Sodium	11000.0	10704.11	97.3	11000.0	10864.56	98.8	10868.18	98.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	1014.56	101.5	1030.05	103.0	P
Sodium				11000.0	10661.44	96.9	10729.23	97.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	1042.17	104.2			P
Sodium				11000.0	10681.05	97.1			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium	11000.0	10877.97	98.9	11000.0	10847.56	98.6	10842.48	98.6	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Initial Calibration Source: Accustandard

Continuing Calibration Source: Spex

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				11000.0	10830.99	98.5			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	2.500	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U	0.013	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	0.100	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Copper	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	1.500	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	0.075	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Mercury	0.080	U	0.080	U	0.080	U	0.080	U	0.026	I	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	1.839	I	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U							P
Antimony			5.0	U							P
Arsenic			3.0	U							P
Barium			5.0	U							P
Beryllium			0.25	U							P
Cadmium			1.0	U							P
Calcium			1000.0	U							P
Chromium			2.0	U							P
Cobalt			5.0	U							P
Copper			3.0	U							P
Iron			30.0	U							P
Lead			1.5	U							P
Magnesium			1000.0	U							P
Manganese			3.0	U							P
Mercury			0.080	U	0.080	U	0.080	U			AV
Nickel			5.0	U							P
Potassium			1000.0	U							P
Selenium			3.0	U							P
Silver			1.0	U							P
Sodium			1000.0	U							P
Thallium			3.0	U							P
Tin			10.0	U							P
Vanadium			5.0	U							P
Zinc			5.0	U							P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury			0.080	U							AV

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	2.500	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U	0.013	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	0.100	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Copper	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	1.500	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	0.075	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Mercury	0.080	U	0.080	U	0.080	U	0.080	U	0.013	U	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.050	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	50.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	0.150	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	1.768	I	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	0.250	U	P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			5.0	U	5.0	U					P
Arsenic			3.0	U	3.0	U					P
Barium			5.0	U	5.0	U					P
Beryllium			0.25	U	0.25	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			2.0	U	2.0	U					P
Cobalt			5.0	U	5.0	U					P
Copper			3.0	U	3.0	U					P
Iron			30.0	U	30.0	U					P
Lead			1.5	U	1.5	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			5.0	U	5.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			3.0	U	3.0	U					P
Silver			1.0	U	1.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			3.0	U	3.0	U					P
Tin			10.0	U	10.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			5.0	U	5.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			1000.0	U	1000.0	U					P
Sodium			1000.0	U	1000.0	U					P

USEPA - CLP

3

BLANKS

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

reparation Blank Matrix (soil/water): WATER

reparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 03/08/06

lame AA ID Number: _____

urnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Aluminum	308.22		200.0	50.0	P
Antimony	206.84		60.0	5.0	P
Arsenic	189.04		10.0	3.0	P
Barium	493.41		200.0	5.0	P
Beryllium	313.04		5.0	0.25	P
Cadmium	226.50		5.0	1.0	P
Calcium	317.93		5000.0	1000.0	P
Chromium	267.72		10.0	2.0	P
Cobalt	228.62		50.0	5.0	P
Copper	324.75		25.0	3.0	P
Iron	271.44		100.0	30.0	P
Lead	220.35		3.0	1.5	P
Magnesium	279.08		5000.0	1000.0	P
Manganese	257.61		15.0	3.0	P
Nickel	231.60		40.0	5.0	P
Potassium	766.49		5000.0	1000.0	P
Selenium	196.02		5.0	3.0	P
Silver	328.07		10.0	1.0	P
Sodium	330.23		5000.0	1000.0	P
Thallium	190.86		10.0	3.0	P
Tin	189.99		100.0	10.0	P
Vanadium	292.40		50.0	5.0	P
Zinc	206.84		20.0	5.0	P

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: _____ Date: 05/16/06

lame AA ID Number: PE CVAA

urnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Mercury	253.70		0.20	0.08	AV

omments: _____

USEPA - CLP

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	Mg	As
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Arsenic	189.04	0.0000010	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001010	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0001910	0.0000000
Lead	220.35	0.0002870	0.0000000	0.0000780	0.0000000	0.0000000
Lead	220.35	-0.0001700	0.0000000	0.0000500	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	279.08	0.0000000	0.0000000	0.0000170	0.0216570	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000140	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	-0.0000400	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	-0.0003200	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	331.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	-0.0000700	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.94	0.0000000	0.0018200	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000210	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	-0.0000600	0.0406250	0.0000000

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Wave-length (nm)	Interelement Correction Factors for: B	Ba	Be	Cd	Co
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	-0.0209600
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0005830
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000900
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0014600	0.0000000	-0.000190	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0865310
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	-0.0019300
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000700
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007400
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	331.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0025020
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

USEPA - CLP

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cr	Cu	K	Mn	Mo
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0094250
Antimony	206.84	0.0038590	0.0000000	0.0000000	0.0000000	-0.0038000
Arsenic	189.04	0.0001610	0.0000000	0.0000000	0.0000000	0.0003200
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0001310	-0.0003400
Cobalt	228.62	-0.0000200	0.0000000	0.0000000	0.0000000	0.0000290
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004170
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000160	-0.0000800	0.0000000	0.0000840	-0.0001300
Lead	220.35	-0.0000500	0.0000000	0.0000000	0.0000510	-0.0009800
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000140
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000900	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	-0.0001100	0.0000000	0.0000000	0.0001450	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.22	0.0000000	0.0000000	0.0000000	0.0000350	0.0000000
Sodium	331.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0002970	0.0000000	0.0000000	0.0004160	-0.0009600
Tin	189.99	0.0000000	0.0000000	0.0000000	-0.000110	0.0000000
Titanium	334.94	0.0000430	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007300
Zinc	206.20	0.0002090	0.0000000	0.0000000	0.0000000	0.0003690

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

ICP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Na	Ni	Pb	Sn	Ti
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0006660	0.0000870
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	-0.0019700
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002400
Cadmium	226.50	0.0000000	-0.0000600	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000790
Cobalt	228.62	0.0000000	0.0002520	0.0000000	-0.000010	0.0020230
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	-0.0001600
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	-0.0008700	0.0000000	0.0000260
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	-0.0008800
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.22	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000400
Sodium	331.23	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000700
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000970
Tin	189.99	0.0000000	-0.0000700	0.0000000	0.0000000	0.0002380
Titanium	334.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0004080
Zinc	206.20	0.0000000	0.0000670	0.0000000	0.0000000	0.0000770

Comments: _____

11A
ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn		
Aluminum	308.22	0.0000000	0.0164790	0.0000000		
Antimony	206.84	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	493.41	0.0000000	0.0000000	0.0000000		
Beryllium	313.04	0.0000000	0.0003660	0.0000000		
Boron	249.68	0.0000000	-0.0000600	0.0000000		
Cadmium	226.50	0.0000000	0.0000000	0.0000000		
Calcium	317.93	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	-0.0000500	0.0000000		
Cobalt	228.62	0.0000000	0.0000000	0.0000000		
Copper	324.75	0.0000000	-0.0001000	0.0000000		
Iron	271.44	0.0000000	0.0065300	0.0000000		
Lead	220.35	0.0000000	-0.0000200	0.0000000		
Lead	220.35	0.0000000	-0.0001800	0.0000000		
Lead	220.35	0.0000000	0.0000000	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	279.08	0.0000000	0.0000000	0.0000000		
Molybdenum	202.03	0.0000000	0.0000000	0.0000000		
Nickel	231.60	0.0001020	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.02	0.0000000	-0.0000900	0.0000000		
Selenium	196.02	0.0000000	-0.0001600	0.0000000		
Selenium	196.02	0.0000000	0.0000000	0.0000000		
Silver	328.22	0.0000000	0.0000390	0.0000000		
Sodium	331.23	0.0000000	0.0000000	0.0000230		
Thallium	190.86	0.0000000	0.0015510	0.0000000		
Tin	189.99	0.0000000	0.0000000	0.0000000		
Titanium	334.94	0.0000000	0.0000220	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

omments: _____

mpirical Laboratories

USEPA - CLP

12

ICP LINEAR RANGES (QUARTERLY)

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

CP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000.0	P
Antimony	15.00	10000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	5000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	10000.0	P
Calcium	15.00	100000.0	P
Chromium	15.00	10000.0	P
Cobalt	15.00	10000.0	P
Copper	15.00	10000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	10000.0	P
Nickel	15.00	10000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	2000.0	P
Sodium	15.00	100000.0	P
Thallium	15.00	10000.0	P
Tin	15.00	25000.0	P
Vanadium	15.00	50000.0	P
Zinc	15.00	10000.0	P

Comments: _____

13

PREPARATION LOG

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

ethod: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112806A	11/28/06	2.00	100.0
LCSS112806A	11/28/06	2.00	100.0
S2-SD-01-00-1106	11/28/06	2.08	100.0
S2-SD-02-00-1106	11/28/06	2.04	100.0
S2-SD-03-00-1106	11/28/06	2.01	100.0
S2-SD-04-00-1106	11/28/06	2.01	100.0
S2-SD-04-00-1106S	11/28/06	2.04	100.0
S2-SD-04-00-1106SD	11/28/06	2.01	100.0
S2-SD-05-00-1106	11/28/06	2.06	100.0
S2-SD-06-00-1106	11/28/06	2.09	100.0
S2-SD-07-00-1106	11/28/06	2.00	100.0
S2-SD-08-00-1106	11/28/06	2.03	100.0
S2-SD-09-00-1106	11/28/06	2.03	100.0
S2-SD-10-00-1106	11/28/06	2.03	100.0
S1-SD-10-00-1106	11/28/06	2.01	100.0
S1-SD-11-00-1106	11/28/06	2.01	100.0
S2-SD-11-00-1106	11/28/06	2.05	100.0
S2-SD-12-00-1106	11/28/06	2.09	100.0
S2-SD-13-00-1106	11/28/06	2.00	100.0
S5-SD-06-00-1106	11/28/06	2.03	100.0
S5-SD-07-00-1106	11/28/06	2.07	100.0
S5-SS-01-00-1106	11/28/06	2.03	100.0
S5-SS-02-00-1106	11/28/06	2.00	100.0
S5-SS-03-00-1106	11/28/06	2.04	100.0

13

PREPARATION LOG

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

ethod: P

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112906A	11/29/06	2.00	100.0
LCSS112906A	11/29/06	2.00	100.0
S5-SS-04-00-1106	11/29/06	2.06	100.0
S1-SD-12-00-1106	11/29/06	2.05	100.0
S1-SD-13-00-1106	11/29/06	2.01	100.0
S4-SD-01-00-1106	11/29/06	2.00	100.0
S4-SD-02-00-1106	11/29/06	2.10	100.0
S4-SD-03-00-1106	11/29/06	2.02	100.0
S4-SD-04-00-1106	11/29/06	1.97	100.0
S4-SS-101-00-1106	11/29/06	2.00	100.0
S4-SS-102-00-1106	11/29/06	2.00	100.0
S4-SS-103-00-1106	11/29/06	2.02	100.0
S4-SS-104-00-1106	11/29/06	2.01	100.0
S4-SS-105-00-1106	11/29/06	2.03	100.0
S4-SS-106-00-1106	11/29/06	2.02	100.0
S4-SS-106-00-1106S	11/29/06	2.05	100.0
S4-SS-106-00-1106SD	11/29/06	2.07	100.0

13

PREPARATION LOG

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

ethod: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
S2-SD-01-00-1106	11/29/06	0.37	50.0
S2-SD-02-00-1106	11/29/06	0.33	50.0
S2-SD-03-00-1106	11/29/06	0.30	50.0
S2-SD-04-00-1106	11/29/06	0.31	50.0
S2-SD-04-00-1106S	11/29/06	0.31	50.0
S2-SD-04-00-1106SD	11/29/06	0.30	50.0
S2-SD-05-00-1106	11/29/06	0.32	50.0
S2-SD-06-00-1106	11/29/06	0.35	50.0
S2-SD-07-00-1106	11/29/06	0.32	50.0
S2-SD-08-00-1106	11/29/06	0.30	50.0
S2-SD-09-00-1106	11/29/06	0.35	50.0
PBS112906C	11/29/06	0.30	50.0
LCSS112906C	11/29/06	0.30	50.0

USEPA - CLP

13

PREPARATION LOG

ab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

ab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

ethod: CV

EPA Sample No.	Preparation Date	Initial Weight (g)	Volume (mL)
PBS112906D	11/29/06	0.30	50.0
LCSS112906D	11/29/06	0.30	50.0
S2-SD-10-00-1106	11/29/06	0.31	50.0
S1-SD-10-00-1106	11/29/06	0.34	50.0
S1-SD-11-00-1106	11/29/06	0.33	50.0
S2-SD-11-00-1106	11/29/06	0.30	50.0
S2-SD-12-00-1106	11/29/06	0.33	50.0
S2-SD-13-00-1106	11/29/06	0.37	50.0
S5-SD-06-00-1106	11/29/06	0.32	50.0
S5-SD-07-00-1106	11/29/06	0.36	50.0
S5-SD-07-00-1106S	11/29/06	0.30	50.0
S5-SD-07-00-1106SD	11/29/06	0.32	50.0
S1-SD-13-00-1106	11/29/06	0.36	50.0
S1-SD-12-00-1106	11/29/06	0.35	50.0

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/29/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S	1.00	0924		X			X							X		X						X						
S	1.00	0929			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*
S	1.00	0935								X										X			X					
S0	1.00	1015		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1020																										
ZZZZZZ	1.00	1026																										
ZZZZZZ	1.00	1032																										
ZZZZZZ	1.00	1041																										
ZZZZZZ	1.00	1048																										
ICV1	1.00	1101		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICB1	1.00	1111		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1118																										
ZZZZZZ	1.00	1126																										
ZZZZZZ	1.00	1132																										
ZZZZZZ	1.00	1139																										
ZZZZZZ	1.00	1145																										
ZZZZZZ	1.00	1151																										
CRDL1	1.00	1158		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-0	1.00	1204		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-0	1.00	1210		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1219																										
PBS112806A	1.00	1226		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
LCSS112806A	1.00	1232		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCV1	1.00	1244		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB1	1.00	1255		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-01-00-1106	1.00	1302		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-02-00-1106	1.00	1308		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-03-00-1106	1.00	1314		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-04-00-1106	1.00	1321		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-04-00-1106S	1.00	1327		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-04-00-1106SD	1.00	1333		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-04-00-1106A	1.00	1340		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-04-00-1106L	5.00	1347		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-05-00-1106	1.00	1354		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-06-00-1106	1.00	1400		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-07-00-1106	1.00	1408		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-08-00-1106	1.00	1414		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S2-SD-09-00-1106	1.00	1421		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/29/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S2-SD-10-00-1106	1.00	1427		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCV2	1.00	1437		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB2	1.00	1451		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S1-SD-10-00-1106	1.00	1458		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S1-SD-11-00-1106	1.00	1504		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-11-00-1106	1.00	1510		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-12-00-1106	1.00	1517		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SD-13-00-1106	1.00	1523		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-06-00-1106	1.00	1529		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SD-07-00-1106	1.00	1536		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
S5-SS-01-00-1106	1.00	1542				X																						
S5-SS-02-00-1106	1.00	1548				X																						
S5-SS-03-00-1106	1.00	1555				X																						
CCV3	1.00	1605		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB3	1.00	1616		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-1	1.00	1625		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-1	1.00	1631		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1643																										
ZZZZZZ	1.00	1649																										
ZZZZZZ	1.00	1658																										
ZZZZZZ	1.00	1704																										
ZZZZZZ	1.00	1711																										
ZZZZZZ	1.00	1717																										
ZZZZZZ	1.00	1724																										
ZZZZZZ	1.00	1730																										
ZZZZZZ	1.00	1736																										
ZZZZZZ	1.00	1743																										
ZZZZZZ	1.00	1749																										
ZZZZZZ	5.00	1757																										
ZZZZZZ	1.00	1803																										
ZZZZZZ	1.00	1809																										
CCV4	1.00	1818		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB4	1.00	1829		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/29/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
S	1.00	09:24																									
S	1.00	09:29												X													
S	1.00	09:35																									
S0	1.00	10:15												X													
ZZZZZZ	1.00	10:20																									
ZZZZZZ	1.00	10:26																									
ZZZZZZ	1.00	10:32																									
ZZZZZZ	1.00	10:41																									
ZZZZZZ	1.00	10:48																									
ICV1	1.00	11:01												X													
ICB1	1.00	11:11												X													
ZZZZZZ	1.00	11:18																									
ZZZZZZ	1.00	11:26																									
ZZZZZZ	1.00	11:32																									
ZZZZZZ	1.00	11:39																									
ZZZZZZ	1.00	11:45																									
ZZZZZZ	1.00	11:51																									
CRDL1	1.00	11:58												X													
ICSA-0	1.00	12:04												X													
ICSAB-0	1.00	12:10												X													
ZZZZZZ	1.00	12:19																									
PBS112806A	1.00	12:26												X													
LCSS112806A	1.00	12:32												X													
CCV1	1.00	12:44												X													
CCB1	1.00	12:55												X													
S2-SD-01-00-1106	1.00	13:02												X													
S2-SD-02-00-1106	1.00	13:08												X													
S2-SD-03-00-1106	1.00	13:14												X													
S2-SD-04-00-1106	1.00	13:21												X													
S2-SD-04-00-1106S	1.00	13:27												X													
S2-SD-04-00-1106SD	1.00	13:33												X													
S2-SD-04-00-1106A	1.00	13:40												X													
S2-SD-04-00-1106L	5.00	13:47												X													
S2-SD-05-00-1106	1.00	13:54												X													
S2-SD-06-00-1106	1.00	14:00												X													

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/29/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN									
S2-SD-07-00-1106	1.00	14:08												X														
S2-SD-08-00-1106	1.00	14:14												X														
S2-SD-09-00-1106	1.00	14:21												X														
S2-SD-10-00-1106	1.00	14:27												X														
CCV2	1.00	14:37												X														
CCB2	1.00	14:51												X														
S1-SD-10-00-1106	1.00	14:58												X														
S1-SD-11-00-1106	1.00	15:04												X														
S2-SD-11-00-1106	1.00	15:10												X														
S2-SD-12-00-1106	1.00	15:17												X														
S2-SD-13-00-1106	1.00	15:23												X														
S5-SD-06-00-1106	1.00	15:29												X														
S5-SD-07-00-1106	1.00	15:36												X														
S5-SS-01-00-1106	1.00	15:42																										
S5-SS-02-00-1106	1.00	15:48																										
S5-SS-03-00-1106	1.00	15:55																										
CCV3	1.00	16:05												X														
CCB3	1.00	16:16												X														
ICSA-1	1.00	16:25												X														
ICSAB-1	1.00	16:31												X														
ZZZZZZ	1.00	16:43																										
ZZZZZZ	1.00	16:49																										
ZZZZZZ	1.00	16:58																										
ZZZZZZ	1.00	17:04																										
ZZZZZZ	1.00	17:11																										
ZZZZZZ	1.00	17:17																										
ZZZZZZ	1.00	17:24																										
ZZZZZZ	1.00	17:30																										
ZZZZZZ	1.00	17:36																										
ZZZZZZ	1.00	17:43																										
ZZZZZZ	1.00	17:49																										
ZZZZZZ	5.00	17:57																										
ZZZZZZ	1.00	18:03																										
ZZZZZZ	1.00	18:09																										
CCV4	1.00	18:18												X														

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/29/06 End Date: 11/29/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
CCB4	1.00	18:29												X													

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
S	1.00	0951		X			X							X		X							X								
S	1.00	0957			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*			
S	1.00	1004								X										X			X								
ZZZZZZ	1.00	1020																													
S0	1.00	1034		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X		*			
ZZZZZZ	1.00	1039																													
S0	1.00	1047																					X								
ZZZZZZ	1.00	1051																													
ZZZZZZ	1.00	1059																													
ZZZZZZ	1.00	1106																													
ZZZZZZ	1.00	1114																													
ZZZZZZ	1.00	1121																													
ICV2	1.00	1131		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ICB2	1.00	1141		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1147																													
ZZZZZZ	1.00	1154																													
ZZZZZZ	1.00	1200																													
ZZZZZZ	1.00	1207																													
ZZZZZZ	1.00	1213																													
ZZZZZZ	1.00	1220																													
CRDL1	1.00	1227		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1233																													
ZZZZZZ	1.00	1240																													
ZZZZZZ	1.00	1248																													
ZZZZZZ	1.00	1255																													
ZZZZZZ	1.00	1301																													
CCV1	1.00	1311		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
CCB1	1.00	1326		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	5.00	1333																													
ZZZZZZ	5.00	1340																													
ZZZZZZ	1.00	1346																													
ZZZZZZ	1.00	1354																													
ZZZZZZ	1.00	1401																													
ZZZZZZ	1.00	1413																													
ZZZZZZ	1.00	1420																													
ZZZZZZ	1.00	1426																													
ZZZZZZ	1.00	1432																													
ZZZZZZ	1.00	1446																													

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
ZZZZZZ	1.00	1454																													
ZZZZZZ	1.00	1504																													
ZZZZZZ	1.00	1516																													
ZZZZZZ	1.00	1523																													
ZZZZZZ	1.00	1529																													
ZZZZZZ	1.00	1535																													
ZZZZZZ	1.00	1542																													
ZZZZZZ	1.00	1550																													
ZZZZZZ	1.00	1557																													
ZZZZZZ	5.00	1604																													
ZZZZZZ	5.00	1610																													
ZZZZZZ	5.00	1617																													
ZZZZZZ	1.00	1626																													
ZZZZZZ	1.00	1636																													
ZZZZZZ	1.00	1642																													
ZZZZZZ	1.00	1648																													
ZZZZZZ	1.00	1655																													
ZZZZZZ	1.00	1701																													
ZZZZZZ	1.00	1707																													
ZZZZZZ	1.00	1714																													
ZZZZZZ	1.00	1720																													
ZZZZZZ	1.00	1726																													
ZZZZZZ	1.00	1733																													
ZZZZZZ	1.00	1739																													
CCV2	1.00	1749		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
CCB2	1.00	1800		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
ZZZZZZ	1.00	1807																													
ZZZZZZ	1.00	1813																													
ZZZZZZ	1.00	1819																													
ZZZZZZ	1.00	1826																													
ZZZZZZ	1.00	1832																													
ZZZZZZ	1.00	1840																													
ICSA-1	1.00	1846		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
ICSAB-1	1.00	1852		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
ZZZZZZ	1.00	1901																													
PBS112906A	1.00	1907		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
LCSS112906A	1.00	1914		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					*
S5-SS-04-00-1106	1.00	1922				X																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S1-SD-12-00-1106	1.00	1929		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S1-SD-13-00-1106	1.00	1935		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X		*
CCV3	1.00	1945		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB3	1.00	1955		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S4-SD-01-00-1106	1.00	2001			X																							
S4-SD-02-00-1106	1.00	2008			X																							
S4-SD-03-00-1106	1.00	2014			X																							
S4-SD-04-00-1106	1.00	2021			X																							
S4-SS-101-00-1106	1.00	2027			X			X	X																			
S4-SS-102-00-1106	1.00	2033			X			X	X																			
S4-SS-103-00-1106	1.00	2040			X			X	X																			
S4-SS-104-00-1106	1.00	2046			X			X	X																			
S4-SS-105-00-1106	1.00	2052			X			X	X																			
CCV4	1.00	2102		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB4	1.00	2113		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S4-SS-106-00-1106	1.00	2120			X			X	X																			
S4-SS-106-00-1106S	1.00	2126			X			X	X																			
S4-SS-106-00-1106SD	1.00	2133			X			X	X																			
S4-SS-106-00-1106A	1.00	2139			X			X	X																			
S4-SS-106-00-1106L	5.00	2146			X			X	X																			
ZZZZZZ	1.00	2153																										
ZZZZZZ	1.00	2200																										
ZZZZZZ	1.00	2208																										
ZZZZZZ	1.00	2216																										
ZZZZZZ	1.00	2222																										
ICSA-2	1.00	2231		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-2	1.00	2237		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	2246																										
CCV5	1.00	2255		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB5	1.00	2306		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
S	1.00	09:51																														
S	1.00	09:57												X																		
S	1.00	10:04																														
ZZZZZZ	1.00	10:20																														
S0	1.00	10:34												X																		
ZZZZZZ	1.00	10:39																														
S0	1.00	10:47																														
ZZZZZZ	1.00	10:51																														
ZZZZZZ	1.00	10:59																														
ZZZZZZ	1.00	11:06																														
ZZZZZZ	1.00	11:14																														
ZZZZZZ	1.00	11:21																														
ICV2	1.00	11:31												X																		
ICB2	1.00	11:41												X																		
ZZZZZZ	1.00	11:47																														
ZZZZZZ	1.00	11:54																														
ZZZZZZ	1.00	12:00																														
ZZZZZZ	1.00	12:07																														
ZZZZZZ	1.00	12:13																														
ZZZZZZ	1.00	12:20																														
CRDL1	1.00	12:27												X																		
ZZZZZZ	1.00	12:33																														
ZZZZZZ	1.00	12:40																														
ZZZZZZ	1.00	12:48																														
ZZZZZZ	1.00	12:55																														
ZZZZZZ	1.00	13:01																														
CCV1	1.00	13:11												X																		
CCB1	1.00	13:26												X																		
ZZZZZZ	5.00	13:33																														
ZZZZZZ	5.00	13:40																														
ZZZZZZ	1.00	13:46																														
ZZZZZZ	1.00	13:54																														
ZZZZZZ	1.00	14:01																														
ZZZZZZ	1.00	14:13																														
ZZZZZZ	1.00	14:20																														

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN									
ZZZZZZ	1.00	14:26																										
ZZZZZZ	1.00	14:32																										
ZZZZZZ	1.00	14:46																										
ZZZZZZ	1.00	14:54																										
ZZZZZZ	1.00	15:04																										
ZZZZZZ	1.00	15:16																										
ZZZZZZ	1.00	15:23																										
ZZZZZZ	1.00	15:29																										
ZZZZZZ	1.00	15:35																										
ZZZZZZ	1.00	15:42																										
ZZZZZZ	1.00	15:50																										
ZZZZZZ	1.00	15:57																										
ZZZZZZ	5.00	16:04																										
ZZZZZZ	5.00	16:10																										
ZZZZZZ	5.00	16:17																										
ZZZZZZ	1.00	16:26																										
ZZZZZZ	1.00	16:36																										
ZZZZZZ	1.00	16:42																										
ZZZZZZ	1.00	16:48																										
ZZZZZZ	1.00	16:55																										
ZZZZZZ	1.00	17:01																										
ZZZZZZ	1.00	17:07																										
ZZZZZZ	1.00	17:14																										
ZZZZZZ	1.00	17:20																										
ZZZZZZ	1.00	17:26																										
ZZZZZZ	1.00	17:33																										
ZZZZZZ	1.00	17:39																										
CCV2	1.00	17:49												X														
CCB2	1.00	18:00												X														
ZZZZZZ	1.00	18:07																										
ZZZZZZ	1.00	18:13																										
ZZZZZZ	1.00	18:19																										
ZZZZZZ	1.00	18:26																										
ZZZZZZ	1.00	18:32																										
ZZZZZZ	1.00	18:40																										

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
ICSA-1	1.00	18:46												X													
ICSAB-1	1.00	18:52												X													
ZZZZZZ	1.00	19:01																									
PBS112906A	1.00	19:07												X													
LCSS112906A	1.00	19:14												X													
S5-SS-04-00-1106	1.00	19:22																									
S1-SD-12-00-1106	1.00	19:29												X													
S1-SD-13-00-1106	1.00	19:35												X													
CCV3	1.00	19:45												X													
CCB3	1.00	19:55												X													
S4-SD-01-00-1106	1.00	20:01																									
S4-SD-02-00-1106	1.00	20:08																									
S4-SD-03-00-1106	1.00	20:14																									
S4-SD-04-00-1106	1.00	20:21																									
S4-SS-101-00-1106	1.00	20:27																									
S4-SS-102-00-1106	1.00	20:33																									
S4-SS-103-00-1106	1.00	20:40																									
S4-SS-104-00-1106	1.00	20:46																									
S4-SS-105-00-1106	1.00	20:52																									
CCV4	1.00	21:02												X													
CCB4	1.00	21:13												X													
S4-SS-106-00-1106	1.00	21:20																									
S4-SS-106-00-1106S	1.00	21:26																									
S4-SS-106-00-1106S	1.00	21:33																									
S4-SS-106-00-1106A	1.00	21:39																									
S4-SS-106-00-1106L	5.00	21:46																									
ZZZZZZ	1.00	21:53																									
ZZZZZZ	1.00	22:00																									
ZZZZZZ	1.00	22:08																									
ZZZZZZ	1.00	22:16																									
ZZZZZZ	1.00	22:22																									
ICSA-2	1.00	22:31												X													
ICSAB-2	1.00	22:37												X													
ZZZZZZ	1.00	22:46																									
CCV5	1.00	22:55												X													

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
CCB5	1.00	23:06												X													

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0925								X													X				
ZZZZZZ	1.00	0931																									
ZZZZZZ	1.00	0937																									
S	1.00	0946								X													X				
ZZZZZZ	1.00	0956																									
ZZZZZZ	1.00	1002																									
ZZZZZZ	1.00	1008																									
ZZZZZZ	1.00	1017																									
ZZZZZZ	1.00	1023																									
ICV3	1.00	1034								X													X				
ICB3	1.00	1044								X													X				
ZZZZZZ	1.00	1050																									
ZZZZZZ	1.00	1059																									
ZZZZZZ	1.00	1105																									
ZZZZZZ	1.00	1112																									
ZZZZZZ	1.00	1118																									
ZZZZZZ	1.00	1124																									
CRDL1	1.00	1131								X													X				
ICSA-0	1.00	1137								X													X				
ICSAB-0	1.00	1143								X													X				
ZZZZZZ	1.00	1152																									
ZZZZZZ	1.00	1158																									
ZZZZZZ	1.00	1205																									
CCV1	1.00	1218								X													X				
CCB1	1.00	1228								X													X				
ZZZZZZ	1.00	1234																									
ZZZZZZ	1.00	1240																									
ZZZZZZ	1.00	1247																									
ZZZZZZ	1.00	1253																									
ZZZZZZ	1.00	1259																									
ZZZZZZ	1.00	1306																									
ZZZZZZ	1.00	1312																									
ZZZZZZ	1.00	1320																									
ZZZZZZ	1.00	1326																									
ZZZZZZ	1.00	1335																									
ZZZZZZ	1.00	1341																									
ZZZZZZ	1.00	1347																									
ZZZZZZ	1.00	1354																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1400																									
ZZZZZZ	1.00	1406																									
CCV2	1.00	1415								X												X					
CCB2	1.00	1425								X												X					
S2-SD-01-00-1106	50.00	1431								X																	
S2-SD-02-00-1106	50.00	1438								X																	
S2-SD-03-00-1106	50.00	1444								X																	
S2-SD-04-00-1106	25.00	1450								X																	
S2-SD-04-00-1106	5.00	1457																				X					
S2-SD-04-00-1106L	125.00	1506								X																	
S2-SD-04-00-1106L	25.00	1512																				X					
S2-SD-05-00-1106	50.00	1518								X																	
S2-SD-06-00-1106	50.00	1525								X																	
S2-SD-07-00-1106	50.00	1531								X																	
CCV3	1.00	1540								X												X					
CCB3	1.00	1550								X												X					
S2-SD-08-00-1106	50.00	1556								X																	
S2-SD-08-00-1106	5.00	1602																				X					
S2-SD-09-00-1106	25.00	1609								X																	
S2-SD-10-00-1106	50.00	1615								X																	
S1-SD-10-00-1106	50.00	1621								X																	
S1-SD-11-00-1106	50.00	1630								X																	
S2-SD-11-00-1106	10.00	1636								X																	
S2-SD-12-00-1106	25.00	1642								X																	
S2-SD-13-00-1106	25.00	1649								X																	
S2-SD-13-00-1106	5.00	1655																				X					
CCV4	1.00	1705								X												X					
CCB4	1.00	1716								X												X					
S5-SD-06-00-1106	50.00	1723								X																	
S5-SD-07-00-1106	50.00	1729								X																	
S5-SD-07-00-1106	5.00	1735																				X					
ZZZZZZ	1.00	1742																									
ZZZZZZ	1.00	1748																									
S1-SD-12-00-1106	50.00	1754								X																	
S1-SD-13-00-1106	50.00	1801								X																	
S1-SD-13-00-1106	5.00	1807																				X					
ZZZZZZ	1.00	1815																									
ICSA-1	1.00	1821								X												X					

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB-1	1.00	1827								X												X				
ZZZZZZ	1.00	1836																								
CCV5	1.00	1845								X												X				
CCB5	1.00	1855								X												X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/06/06 End Date: 12/06/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S	1.00	0956																				X				
S0	1.00	1015																				X				
ZZZZZZ	1.00	1020																								
ZZZZZZ	1.00	1027																								
ZZZZZZ	1.00	1033																								
ZZZZZZ	1.00	1043																								
ZZZZZZ	1.00	1049																								
ICV4	1.00	1101																				X				
ICB4	1.00	1111																				X				
ZZZZZZ	1.00	1117																								
ZZZZZZ	1.00	1141																								
ZZZZZZ	1.00	1210																								
ZZZZZZ	1.00	1217																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	1.00	1229																								
ZZZZZZ	1.00	1236																								
CRDL1	1.00	1242																				X				
ICSA-0	1.00	1248																				X				
ICSAB-0	1.00	1255																				X				
ZZZZZZ	1.00	1303																								
ZZZZZZ	1.00	1310																								
ZZZZZZ	1.00	1316																								
CCV1	1.00	1324																				X				
CCB1	1.00	1334																				X				
ZZZZZZ	1.00	1341																								
ZZZZZZ	1.00	1347																								
ZZZZZZ	1.00	1355																								
ZZZZZZ	1.00	1401																								
ZZZZZZ	1.00	1410																								
ZZZZZZ	1.00	1416																								
ZZZZZZ	1.00	1422																								
ZZZZZZ	1.00	1429																								
ZZZZZZ	1.00	1435																								
ZZZZZZ	1.00	1441																								
ZZZZZZ	1.00	1448																								
ZZZZZZ	1.00	1454																								
ZZZZZZ	1.00	1503																								
ZZZZZZ	1.00	1513																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/06/06 End Date: 12/06/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1519																										
ZZZZZZ	1.00	1525																										
ZZZZZZ	1.00	1532																										
ZZZZZZ	1.00	1538																										
ZZZZZZ	1.00	1544																										
ZZZZZZ	1.00	1551																										
ZZZZZZ	1.00	1600																										
ZZZZZZ	1.00	1607																										
ZZZZZZ	1.00	1613																										
ZZZZZZ	1.00	1619																										
ZZZZZZ	1.00	1628																										
ZZZZZZ	1.00	1649																										
ZZZZZZ	1.00	1656																										
ZZZZZZ	1.00	1702																										
ZZZZZZ	1.00	1708																										
ZZZZZZ	1.00	1715																										
ZZZZZZ	1.00	1721																										
ZZZZZZ	5.00	1729																										
ZZZZZZ	1.00	1735																										
ZZZZZZ	1.00	1741																										
ZZZZZZ	1.00	1748																										
ZZZZZZ	1.00	1756																										
ZZZZZZ	1.00	1803																										
ZZZZZZ	1.00	1809																										
ZZZZZZ	1.00	1815																										
ZZZZZZ	1.00	1822																										
ZZZZZZ	1.00	1828																										
ZZZZZZ	1.00	1835																										
ZZZZZZ	1.00	1841																										
ZZZZZZ	1.00	1851																										
ZZZZZZ	1.00	1902																										
ZZZZZZ	1.00	1908																										
ZZZZZZ	1.00	1915																										
ZZZZZZ	1.00	1921																										
ZZZZZZ	1.00	1927																										
ZZZZZZ	1.00	1934																										
ZZZZZZ	1.00	1940																										
ZZZZZZ	1.00	1946																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/06/06 End Date: 12/06/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1953																										
ZZZZZZ	1.00	1959																										
ZZZZZZ	1.00	2006																										
ZZZZZZ	1.00	2012																										
ZZZZZZ	1.00	2018																										
ZZZZZZ	1.00	2025																										
ZZZZZZ	5.00	2032																										
CCV2	1.00	2042																				X						
CCB2	1.00	2052																				X						
ZZZZZZ	1.00	2058																										
S5-SD-06-00-1106	5.00	2105																				X						
ICSA-1	1.00	2114																				X						
ICSAB-1	1.00	2120																				X						
ZZZZZZ	1.00	2129																										
CCV3	1.00	2137																				X						
CCB3	1.00	2149																				X						

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S0	1.00	1115																X												
S0.20	1.00	1116																X												
S0.50	1.00	1117																X												
S1.0	1.00	1118																X												
S2.0	1.00	1119																X												
S4.0	1.00	1121																X												
S6.0	1.00	1122																X												
S10.0	1.00	1124																X												
ICV1	1.00	1125																X												
ICB1	1.00	1127																X												
ZZZZZZ	1.00	1128																												
ZZZZZZ	1.00	1129																												
ZZZZZZ	1.00	1130																												
ZZZZZZ	1.00	1131																												
ZZZZZZ	1.00	1132																												
ZZZZZZ	1.00	1134																												
ZZZZZZ	1.00	1135																												
ZZZZZZ	1.00	1136																												
ZZZZZZ	1.00	1137																												
ZZZZZZ	1.00	1139																												
ZZZZZZ	1.00	1140																												
ZZZZZZ	1.00	1141																												
ZZZZZZ	1.00	1142																												
ZZZZZZ	1.00	1143																												
ZZZZZZ	1.00	1145																												
ZZZZZZ	1.00	1146																												
ZZZZZZ	1.00	1147																												
ZZZZZZ	1.00	1148																												
ZZZZZZ	1.00	1149																												
ZZZZZZ	1.00	1150																												
ZZZZZZ	1.00	1152																												
ZZZZZZ	1.00	1153																												
ZZZZZZ	1.00	1154																												
ZZZZZZ	1.00	1155																												
ZZZZZZ	1.00	1156																												
ZZZZZZ	1.00	1157																												
ZZZZZZ	1.00	1159																												
ZZZZZZ	1.00	1200																												

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1201																								
ZZZZZZ	1.00	1202																								
ZZZZZZ	1.00	1203																								
ZZZZZZ	1.00	1204																								
ZZZZZZ	1.00	1205																								
ZZZZZZ	1.00	1206																								
ZZZZZZ	1.00	1208																								
ZZZZZZ	1.00	1209																								
ZZZZZZ	1.00	1210																								
ZZZZZZ	1.00	1212																								
ZZZZZZ	1.00	1213																								
ZZZZZZ	1.00	1214																								
ZZZZZZ	1.00	1215																								
ZZZZZZ	1.00	1217																								
ZZZZZZ	1.00	1218																								
ZZZZZZ	1.00	1219																								
ZZZZZZ	1.00	1220																								
ZZZZZZ	1.00	1222																								
ZZZZZZ	1.00	1223																								
ZZZZZZ	1.00	1224																								
ZZZZZZ	1.00	1225																								
ZZZZZZ	1.00	1227																								
ZZZZZZ	1.00	1228																								
ZZZZZZ	1.00	1229																								
ZZZZZZ	1.00	1231																								
ZZZZZZ	1.00	1232																								
ZZZZZZ	1.00	1233																								
ZZZZZZ	1.00	1234																								
ZZZZZZ	1.00	1236																								
ZZZZZZ	1.00	1237																								
ZZZZZZ	1.00	1238																								
ZZZZZZ	1.00	1239																								
ZZZZZZ	1.00	1240																								
ZZZZZZ	1.00	1242																								
ZZZZZZ	1.00	1243																								
ZZZZZZ	1.00	1244																								
ZZZZZZ	1.00	1246																								
ZZZZZZ	1.00	1247																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1248																										
ZZZZZZ	1.00	1249																										
ZZZZZZ	1.00	1251																										
ZZZZZZ	1.00	1252																										
CCV1	1.00	1253																X										
CCB1	1.00	1254																X										
ZZZZZZ	1.00	1256																										
ZZZZZZ	1.00	1257																										
ZZZZZZ	1.00	1258																										
S2-SD-01-00-1106	1.00	1259																X										
S2-SD-02-00-1106	1.00	1301																X										
S2-SD-03-00-1106	1.00	1302																X										
S2-SD-04-00-1106	1.00	1303																X										
S2-SD-04-00-1106S	1.00	1304																X										
S2-SD-04-00-1106SD	1.00	1306																X										
S2-SD-05-00-1106	1.00	1307																X										
CCV2	1.00	1308																X										
CCB2	1.00	1309																X										
S2-SD-06-00-1106	1.00	1310																X										
S2-SD-07-00-1106	1.00	1311																X										
S2-SD-08-00-1106	1.00	1313																X										
S2-SD-09-00-1106	1.00	1314																X										
PBS112906D	1.00	1315																X										
LCSS112906D	1.00	1316																X										
S2-SD-10-00-1106	1.00	1318																X										
S1-SD-10-00-1106	1.00	1319																X										
S1-SD-11-00-1106	1.00	1320																X										
S2-SD-11-00-1106	1.00	1322																X										
CCV3	1.00	1323																X										
CCB3	1.00	1324																X										
CCV4	1.00	1337																X										
CCB4	1.00	1339																X										
S2-SD-12-00-1106	1.00	1340																X										
S2-SD-13-00-1106	1.00	1341																X										
S5-SD-06-00-1106	1.00	1342																X										
S5-SD-07-00-1106	1.00	1343																X										
S5-SD-07-00-1106S	1.00	1345																X										
S5-SD-07-00-1106SD	1.00	1346																X										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	1347																										
S1-SD-13-00-1106	1.00	1348																X										
ZZZZZZ	1.00	1349																										
ZZZZZZ	1.00	1351																										
CCV5	1.00	1352																X										
CCB5	1.00	1353																X										
ZZZZZZ	1.00	1354																										
ZZZZZZ	1.00	1355																										
ZZZZZZ	1.00	1357																										
ZZZZZZ	1.00	1358																										
ZZZZZZ	1.00	1359																										
ZZZZZZ	1.00	1400																										
ZZZZZZ	1.00	1402																										
ZZZZZZ	1.00	1403																										
ZZZZZZ	1.00	1404																										
ZZZZZZ	1.00	1405																										
ZZZZZZ	1.00	1407																										
ZZZZZZ	1.00	1408																										
ZZZZZZ	1.00	1409																										
ZZZZZZ	1.00	1410																										
ZZZZZZ	1.00	1411																										
ZZZZZZ	1.00	1412																										
ZZZZZZ	1.00	1414																										
ZZZZZZ	1.00	1415																										
ZZZZZZ	1.00	1416																										
ZZZZZZ	1.00	1417																										
ZZZZZZ	1.00	1419																										
ZZZZZZ	1.00	1420																										
ZZZZZZ	1.00	1421																										
ZZZZZZ	1.00	1423																										
ZZZZZZ	1.00	1424																										
ZZZZZZ	1.00	1425																										
ZZZZZZ	1.00	1427																										
ZZZZZZ	1.00	1428																										
ZZZZZZ	1.00	1429																										
ZZZZZZ	1.00	1430																										
ZZZZZZ	1.00	1432																										
ZZZZZZ	1.00	1433																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/30/06 End Date: 11/30/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	1434																										
ZZZZZZ	1.00	1435																										
ZZZZZZ	1.00	1437																										
ZZZZZZ	1.00	1438																										
ZZZZZZ	1.00	1439																										
ZZZZZZ	1.00	1441																										
ZZZZZZ	1.00	1442																										
ZZZZZZ	1.00	1443																										
ZZZZZZ	1.00	1444																										
ZZZZZZ	1.00	1445																										
ZZZZZZ	1.00	1446																										
ZZZZZZ	1.00	1447																										
ZZZZZZ	1.00	1448																										
ZZZZZZ	1.00	1450																										
ZZZZZZ	1.00	1451																										
ZZZZZZ	1.00	1452																										
ZZZZZZ	1.00	1453																										
ZZZZZZ	1.00	1455																										
ZZZZZZ	1.00	1456																										
ZZZZZZ	1.00	1457																										
ZZZZZZ	1.00	1459																										
CCV6	1.00	1500																X										
CCB6	1.00	1501																X										
S1-SD-12-00-1106	1.00	1510																X										
CCV7	1.00	1512																X										
CCB7	1.00	1513																X										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	1609																X									
S0.20	1.00	1610																X									
S0.50	1.00	1611																X									
S1.0	1.00	1612																X									
S2.0	1.00	1613																X									
S4.0	1.00	1614																X									
S6.0	1.00	1616																X									
S10.0	1.00	1617																X									
ICV2	1.00	1619																X									
ICB2	1.00	1621																X									
ZZZZZZ	1.00	1622																										
ZZZZZZ	1.00	1623																										
ZZZZZZ	1.00	1624																										
ZZZZZZ	1.00	1625																										
ZZZZZZ	1.00	1626																										
CCV1	1.00	1627																X									
CCB1	1.00	1629																X									
ZZZZZZ	1.00	1630																										
ZZZZZZ	1.00	1631																										
ZZZZZZ	1.00	1632																										
ZZZZZZ	1.00	1634																										
ZZZZZZ	1.00	1635																										
ZZZZZZ	1.00	1636																										
ZZZZZZ	1.00	1637																										
ZZZZZZ	1.00	1639																										
PBS112906C	1.00	1640																X									
LCSS112906C	1.00	1641																X									
CCV2	1.00	1642																X									
CCB2	1.00	1643																X									
ZZZZZZ	1.00	1644																										
ZZZZZZ	1.00	1645																										
ZZZZZZ	1.00	1647																										
ZZZZZZ	1.00	1648																										
ZZZZZZ	1.00	1649																										
ZZZZZZ	1.00	1650																										
ZZZZZZ	1.00	1652																										
ZZZZZZ	1.00	1653																										
ZZZZZZ	1.00	1654																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest04

Instrument ID Number: PE CVAA Method: AV

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1655																									
CCV3	1.00	1657																X									
CCB3	1.00	1658																X									

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **CHUCK BRYAN** **DATE:** **JANUARY 22, 2007**

FROM: **KELLY CARPER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SVOC/PEST**
CTO 044, NAS KEY WEST
SDG KEY WEST 01

SAMPLES: 39/Solid/SVOC/PEST

S1FD11040602	S1-SD-01-00-1106	S1-SD-02-00-1106	S1-SD-03-00-1106
S1-SD-04-00-1106	S1-SD-05-00-1106	S1-SD-06-00-1106	S1-SD-07-00-1107
S1-SD-08-00-1106	S1-SD-09-00-1106	S2FD11040602	S2-SS-01-00-1106
S2-SS-02-00-1106	S2-SS-03-00-1106	S2-SS-04-00-1106	S2-SS-05-00-1106
S2-SS-06-00-1106	S2-SS-07-00-1106	S2-SS-08-00-1106	S2-SS-09-00-1106
S2-SS-10-00-1106	S2-SS-11-00-1106	S2-SS-12-00-1106	S2-SS-13-00-1106
S2-SS-14-00-1106	S2-SS-15-00-1106	S2-SS-16-00-1106	S2-SS-17-00-1106
S2-SS-18-00-1106	S2-SS-19-00-1106	S2-SS-20-00-1106	S2-SS-21-00-1106
S2-SS-22-00-1106	S5FD11060602	S5-SD-01-00-1106	S5-SD-02-00-1106
S5-SD-03-00-1106	S5-SD-04-00-1106	S5-SD-05-00-1106	

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG KEYWEST01 consists of thirty-nine (39) solid environmental samples. Three (3) field duplicate pairs were included in this SDG: S1FD11040602/S1-SD-09-00-1106, S2FD11050602/S2-SS-13-00-1106, S5FD11060602/S5-SD-02-00-1106. All samples were analyzed for semivolatile and pesticide organic compounds.

The samples were collected by TetraTech NUS on November 3, 4, 5, and 6, 2006 and analyzed by Empirical Laboratory. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8270C and 8081A, and analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
• Laboratory method blank results
• Field duplicate precision
* • Detection limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

The text of this report is formatted to address only gross non-compliances resulting in the rejection of data and the elimination of false positives.

Semivolatiles

The initial calibration relative response factor (RRF) for 4-nitroquinoline-1-oxide was less than 0.05 quality control limit in the calibration run on instrument BNA1 on 8/27/06-11/15/06. The nondetected results reported for 4-nitroquinoline-1-oxide in all samples in this SDG were rejected, qualified (UR). No positive results were reported for this compound.

The continuing calibration RRF for hexachlorophene and 4-nitroquinoline-1-oxide were less than 0.05 quality control limit in the calibration run on instrument BNA1 on 11/17/06 at 03:13. Additionally, the %Ds for aniline and 4-nitroaniline were greater than 25% but less than 90%. No actions were necessary as the affected samples S1-SD-01-00-1106 (dilution) and S1-SD-02-00-1106 (dilution) were not used in validation.

The continuing calibration RRF for hexachlorophene, dinoseb, and 4-nitroquinoline-1-oxide were less than 0.05 quality control limit in the calibration run on instrument BNA1 on 11/17/06 at 15:48. Additionally, the %Ds for aniline, 4,6-dinitro-2-methyl-phenol, 2,4-dinitrophenol, di-n-octylphthlate, hexachlorocyclopentadiene, 4-nitroaniline, N-nitroso-di-methylamine, hexachloropropene, aramite, dinoseb, methapyrilene, 4-nitroquinoline-1-oxide, famphur, hexachlorophene, and methylparathion were greater than 25% but less than 90%. The nondetected results reported for hexachlorophene, dinoseb, and 4-nitroquinoline-1-oxide in sample S1-SD-08-00-1106 (10x dilution) were rejected, qualified (UR). The nondetected results reported for the remaining compounds were not qualified as this is a limited data review and the noncompliant %Ds were less than 90%. No positive results were reported for these compounds.

The continuing calibration RRF for hexachlorophene and 4-nitroquinoline-1-oxide were less than 0.05 quality control limit in the calibration run on instrument BNA1 on 11/29/06 at 8:34. Additionally, the %Ds for 3,3'-dichlorobenzidine, isodrin, pentachloronitrobenzene, aramite, chlorobenzilate, p-(dimethylamino)azobenzene, dimethoate, a,a-dimethyl-phenethylamine, famphur, and hexachlorophene were greater than 25% but less than 90%. The nondetected results reported for hexachlorophene and 4-nitroquinoline-1-oxide in samples S1-SD-01-00-1106, S1-SD-02-00-1106, S1-SD-03-00-1106, S1-SD-04-00-1106, S1-SD-05-00-1106, S1-SD-06-00-1106, S1-SD-07-00-1107, S1-SD-09-00-1106, S1FD11040602, S2-SS-01-00-1106, S2-SS-02-00-1106, S2-SS-03-00-1106, S2-SS-04-00-1106, S2-SS-05-00-1106, and S2-SS-06-00-1106 were rejected, qualified (UR). The nondetected results reported for the remaining compounds were not qualified as this is a limited data review and the noncompliant %Ds were less than 90%. No positive results were reported for these compounds.

The continuing calibration %Ds for acetophenone, 4-nitroaniline, isodrin, pentachloronitrobenzene, aramite, p-(dimethylamino)azobenzene, and thionazin were greater than 25% but less than 90% in the calibration run on instrument BNA1 on 12/01/06 at 7:36. The nondetected results reported for these compounds in sample S2-SS-07-00-1106, S2-SS-09-00-1106, S2-SS-10-00-1106, S2-SS-11-00-1106, S2-SS-12-00-1106, S2-SS-13-00-1107, S2-SS-14-00-1106, S2-SS-15-00-1106, S2-SS-16-00-1106, S2-SS-17-00-1106, S2-SS-18-00-1106, S2-SS-19-00-1106, and S2-SS-20-00-1106 were not qualified as this is a limited data review and the noncompliant %Ds were less than 90%. No positive results were reported for these compounds.

The continuing calibration RRF for hexachlorophene was less than 0.05 quality control limit in the calibration run on instrument BNA1 on 12/03/06 at 07:15. Additionally, the continuing calibration %Ds for 4-nitroaniline, isodrin, pentachloronitrobenzene, aramite, 1,4-naphthoquinone, and hexachlorophene were greater than 25% but less than 90%. The nondetected results reported for hexachlorophene in samples S2-SS-21-00-1106, S2-SS-22-00-1106, S2FD11050601, S5-SD-01-00-1106, S5-SD-02-00-1106, S5-SD-03-00-1106, S5-SD-04-00-1107, S5-SD-05-00-1106, S5FD11060602, and S2-SS-08-00-1106 (100x dilution) were rejected, qualified (UR). The nondetected results reported for these compounds in these samples were not qualified as this is a limited data review and the noncompliant %Ds were less than 90%. No positive results were reported for these compounds.

Samples S1-SD-01-00-1106 and S1-SD-02-00-1106 were initially analyzed at a 10-fold dilutions for sample screening information. These samples were later reanalyzed without dilution. The undiluted sample analyses for both of these samples were used in the validation of this SDG.

Sample S1-SD08-00-1106 was initially analyzed at a 10-fold dilution for sample screening information and pyrene was still in excess of the instruments calibration range. The sample reanalyzed at a 100-fold dilution which brought pyrene within the instrument calibration range. All results, except for pyrene, were reported from the 10-fold dilution and used in the validation of this SDG. Only pyrene was reported from the 100-fold dilution. Please note that this sample was not analyzed undiluted hence the detection limits for all compounds are

elevated.

Sample S2-SS-09-00-1106 was initially analyzed at a 10-fold dilution for sample screening information. This sample was later reanalyzed without dilution. The undiluted sample analysis was used in the validation of this SDG

Pesticides

The following compound was detected in the method blank (111506) at the following maximum concentration:

Compound	Maximum Concentration	Action Level
4,4'-DDT	0.81 ug/kg	4.05 ug/kg

An action level of 5X the maximum contaminant concentration (for 4,4'-DDT) was established to evaluate blank contamination. Dilution factors, %solids, and sample aliquots were taken into consideration during the application of the action level. Positive results for 4,4'-DDT in the associated batch (111506) were qualified as indicated above. Samples S1-SD-04-00-1106 through S1-SD-09-00-1106, S1FD11040602, S5-SD-01-00-1106, and S5-SD-02-00-1106 were affected.

The continuing calibration performed on 11/28/06 at 1:57 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for 4,4'-DDT and methoxychlor on column 1 and 2. Additionally, the %Ds for endrin aldehyde and endosulfan sulfate were greater than the 15% quality control criteria but were less than 90% on column 2 only. The positive results reported for 4,4'-DDT and methoxychlor in the affected samples were qualified as estimated (J). Some methoxychlor results were rejected due to more severe noncompliances and hence weren't further qualified. No actions were taken for nondetects for any of the aforementioned compounds as this is a limited data review. All S1 sediment samples (S1-SD) including the field duplicate were affected as well as samples S2-SS-01-00-1106 through S2-SS-09-1106.

The continuing calibration performed on 11/28/06 at 8:09 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for heptachlor epoxide, 4,4'-DDE, endosulfan I, dieldrin, endrin, 4,4'-DDD, endosulfan II, 4,4'-DDT, endrin aldehyde, methoxychlor, and endosulfan sulfate on column 1 and 2. Any positive results reported for these compounds in the affected samples were qualified as estimated (J). No actions were taken for nondetects for any of the aforementioned compounds as this is a limited data review. Samples S2-SS-01-00-1106 through S2-SS-09-1106, and S1FD11040602 were affected.

The continuing calibration performed on 11/29/06 at 11:56 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for 4,4'-DDT and methoxychlor on column 2. No actions were warranted noncompliances only occur on one column and this is a limited data review.

The continuing calibration performed on 11/29/06 at 19:34 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for endrin on column 1. Additionally, the %Ds for 4,4'-DDE, endrin, 4,4'DDT, endrin aldehyde and methoxychlor were greater than the 15% quality control criteria but were less than 90% on column 2 only. No actions were warranted noncompliances only occur on one column and this is a limited data review.

The continuing calibration performed on 12/2/06 at 6:51 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for alpha-BHC, gamma-BHC, endosulfan I, dieldrin, and methoxychlor on column 1. Additionally, the %Ds for heptachlor, endrin, 4,4'DDT, and endrin aldehyde were greater than the 15% quality control criteria but were less than 90% on column 2 only. No actions were warranted noncompliances only occur on one column and this is a limited data review.

The continuing calibration performed on 12/2/06 at 12:34 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for alpha-BHC, gamma-BHC, heptachlor, aldrin, heptachlor epoxide, 4,4'-DDE, endosulfan I, dieldrin, endrin, endosulfan II, and 4,4'-DDT on columns 1 and 2. Additionally, the %Ds for delta-BHC, endrin aldehyde, endosulfan sulfate, and methoxychlor were greater than the 15% quality control criteria but were less than 90% on column 2 only. No actions were warranted as the only affected samples were the dilution analyses and none of these were used.

The continuing calibration performed on 12/4/06 at 19:44 on instrument ecd4 yielded %Ds that exceeded the

15% quality control criteria but were less than 90% for methoxychlor on column 1 and 2. Additionally, the %Ds for alpha-BHC, gamma-BHC, endosulfan I, dieldrin, and methoxychlor were greater than the 15% quality control criteria but were less than 90% on column 1 only and endrin, 4,4'-DDT, and endrin aldehyde. The positive result reported for methoxychlor in sample S2-SS-13-00-1106 was qualified as estimated (J). No actions were taken for nondetects for any of the aforementioned compounds as this is a limited data review.

The continuing calibration performed on 12/4/06 at 20:42 on instrument ecd4 yielded %Ds that exceeded the 15% quality control criteria but were less than 90% for alpha-BHC, gamma-BHC, 4,4'-DDD, endrin aldehyde, methoxychlor, and endosulfan sulfate on column 1. The positive result reported for methoxychlor in sample S2-SS-13-00-1106 was qualified as estimated (J). No actions were taken for nondetects for any of the aforementioned compounds as this is a limited data review.

Positive pesticide results were rejected qualified (R) as a result of high percent differences (>100%) between analytical columns in the following:

Analyte	%D
S1FD11040602	
Endrin aldehyde	176.2
Methoxychlor	128.8
S1-SD-01-00-1106	
Endosulfan I	133.4
Endrin	103.6
Methoxychlor	194.9
S1-SD-02-00-1106	
Endosulfan II	132.8
Endrin	113.9
Methoxychlor	199.1
S1-SD-04-00-1106	
Heptachlor epoxide	124.3
S1-SD-05-00-1106	
Heptachlor epoxide	126.8
S1-SD-06-00-1106	
Endrin aldehyde	148.3
Methoxychlor	144.5

Analyte	%D
S1-SD-08-00-1106	
4,4'-DDD	175.1
4,4'-DDT	125.9
Dieldrin	159.0
Endosulfan II	113.8
Endrin aldehyde	131.1
Methoxychlor	164.6
S1-SD-09-00-1106	
Endosulfan II	109.9
Endosulfan sulfate	114.7
Gamma-BHC	114.5
Heptachlor epoxide	131.2
Methoxychlor	115.9
S1FD11040602	
Dieldrin	175.6
Methoxychlor	137.8
Analyte	**%D**
S2-SS-01-00-1106	
Methoxychlor	142.2
S2-SS-02-00-1106	
Methoxychlor	182.2
S2-SS-03-00-1106	
Dieldrin	111.8
Endosulfan II	130.4
Endrin	159.5
Methoxychlor	143.4
S2-SS-04-00-1106	
Endrin	172.2
Methoxychlor	157.5
S2-SS-05-00-1106	
Methoxychlor	194.1

Analyte	%D
S2-SS-06-00-1106	
Endrin	159.5
Methoxychlor	197.3
S2-SS-07-00-1106	
Dieldrin	187.6
Endrin	142.6
Endrin aldehyde	119.6
Heptachlor epoxide	126.7
Methoxychlor	197.3
S2-SS-08-00-1106	
Delta-BHC	123.8
Dieldrin	156.1
Endosulfan II	121.1
Gamma-BHC	117.1
Heptachlor epoxide	140.1
Methoxychlor	167.0
S2-SS-09-00-1106	
Beta-BHC	134.3
4,4'-DDD	100.0
Delta-BHC	155
Dieldrin	186.7
Endosulfan II	137.3
Endrin	151.1
Methoxychlor	187.7
S2-SS-10-00-1106	
Aldrin	105.3
Endrin Aldehyde	143.6
Methoxychlor	189.4
S2-SS-12-00-1106	
Endrin	136.7
S2-SS-13-00-1106	
Dieldrin	179.3

Analyte	%D
S2-SS-14-00-1106	
Endosulfan II	108.4
Methoxychlor	125.8
S2-SS-19-00-1106	
Endrin Aldehyde	124.1
S2-SS-20-00-1106	
Endrin	145.4
S2-SS-21-00-1106	
Endosulfan II	124.2
Endrin	139.6
Methoxychlor	174.8
S5FD11060602	
Beta-BHC	110.1
S5-SD-02-00-1106	
Beta-BHC	152.1

Field duplicate imprecision (RPD > 50%) was noted in sample pairs S1FD11040602/S1-SD-09-00-1106 and S2FD11050602/S2-SS-13-00-1106. 4,4'-DDE was qualified as estimated (J) in the sample pair S2FD11050602/S2-SS-13-00-1106 and 4,4'-DDT and B-BHC were qualified as estimated (J) in the sample pair S1FD11040602/S1-SD-09-00-1106.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated, (J), due to uncertainty near the detection limit.

Positive and nondetected results in both semivolatile and pesticide samples with percent solids <30% were qualified as estimated, (J) and (UJ), respectively. Detection limits in these samples are also elevated by the low percent solids.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Hexachlorophene, dinoseb, and 4-nitroquinoline-1-oxide were rejected due to severe calibration noncompliances.

Other Factors Affecting Data Quality: Many positive pesticide results were rejected due to high %Ds between analytical columns. Field duplicate imprecision was noted in the pesticide fraction in sample pairs S1FD11040602/S1-SD-09-00-1106 and S2FD11050602/S2-SS-13-00-1106. Positive and nondetected results in samples with percent solids <30% were qualified as estimated in the semivolatile and pesticide fractions.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99) and the Department of Defense (DoD) Quality Systems Manual (QSM) (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS

Kelly Carper
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1FD11040602
samp_date	11/4/2006
lab_id	0611056-10
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	S1-SD-09-00-1106

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	580	UJ	Y
1,2,4-TRICHLOROBENZENE	580	UJ	Y
1,2-DICHLOROBENZENE	580	UJ	Y
1,3,5-TRINITROBENZENE	580	UJ	Y
1,3-DICHLOROBENZENE	580	UJ	Y
1,3-DINITROBENZENE	580	UJ	Y
1,4-DICHLOROBENZENE	580	UJ	Y
1,4-NAPHTHOQUINONE	580	UJ	Y
1,4-PHENYLENEDIAMINE	580	UJ	Y
1-NAPHTHYLAMINE	580	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	580	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	580	UJ	Y
2,4,5-TRICHLOROPHENOL	580	UJ	Y
2,4,6-TRICHLOROPHENOL	580	UJ	Y
2,4-DICHLOROPHENOL	580	UJ	Y
2,4-DIMETHYLPHENOL	580	UJ	Y
2,4-DINITROPHENOL	580	UJ	Y
2,4-DINITROTOLUENE	580	UJ	Y
2,6-DICHLOROPHENOL	580	UJ	Y
2,6-DINITROTOLUENE	580	UJ	Y
2-ACETYLAMINOFLUORENE	580	UJ	Y
2-CHLORONAPHTHALENE	580	UJ	Y
2-CHLOROPHENOL	580	UJ	Y
2-METHYLNAPHTHALENE	230	UJ	Y
2-METHYLPHENOL	580	UJ	Y
2-NAPHTHYLAMINE	580	UJ	Y
2-NITROANILINE	580	UJ	Y
2-NITROPHENOL	580	UJ	Y
2-PICOLINE	580	UJ	Y
3,3'-DICHLOROBENZIDINE	870	UJ	Y
3,3'-DIMETHYLBENZIDINE	580	UJ	Y
3-METHYLCHOLANTHRENE	580	UJ	Y

nsample	S1FD11040602
samp_date	11/4/2006
lab_id	0611056-10
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	S1-SD-09-00-1106

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	580	UJ	Y
3-NITROANILINE	580	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	580	UJ	Y
4-AMINOBIPHENYL	580	UJ	Y
4-BROMOPHENYL PHENYL ETHER	580	UJ	Y
4-CHLORO-3-METHYLPHENOL	580	UJ	Y
4-CHLOROANILINE	580	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	580	UJ	Y
4-METHYLPHENOL	580	UJ	Y
4-NITROANILINE	580	UJ	Y
4-NITROPHENOL	580	UJ	Y
4-NITROQUINOLINE-1-OXIDE	580	UR	C
5-NITRO-O-TOLUIDINE	580	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	580	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	580	UJ	Y
ACENAPHTHENE	230	UJ	Y
ACENAPHTHYLENE	420	J	PY
ACETOPHENONE	580	UJ	Y
ANILINE	580	UJ	Y
ANTHRACENE	230	UJ	Y
ARAMITE	580	UJ	Y
BENZO(A)ANTHRACENE	560	J	PY
BENZO(A)PYRENE	1200	J	PY
BENZO(B)FLUORANTHENE	1200	J	PY
BENZO(G,H,I)PERYLENE	550	J	PY
BENZO(K)FLUORANTHENE	1100	J	PY
BENZOIC ACID	580	UJ	Y
BENZYL ALCOHOL	580	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	580	UJ	Y
BIS(2-CHLOROETHYL)ETHER	580	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	580	UJ	Y
BUTYL BENZYL PHTHALATE	580	UJ	Y

nsample	S1FD11040602
samp_date	11/4/2006
lab_id	0611056-10
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	S1-SD-09-00-1106

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	580	UJ	Y
CHRYSENE	1300	J	PY
DIALLATE	580	UJ	Y
DIBENZO(A,H)ANTHRACENE	230	UJ	Y
DIBENZOFURAN	580	UJ	Y
DIETHYL PHTHALATE	580	UJ	Y
DIMETHOATE	580	UJ	Y
DIMETHYL PHTHALATE	580	UJ	Y
DI-N-BUTYL PHTHALATE	580	UJ	Y
DI-N-OCTYL PHTHALATE	580	UJ	Y
DINOSEB	580	UJ	Y
DIPHENYLAMINE	580	UJ	Y
DISULFOTON	580	UJ	Y
ETHYL METHANE SULFONATE	580	UJ	Y
ETHYL PARATHION	580	UJ	Y
FAMPHUR	580	UJ	Y
FLUORANTHENE	1200	J	PY
FLUORENE	230	UJ	Y
HEXACHLOROBENZENE	580	UJ	Y
HEXACHLOROBUTADIENE	580	UJ	Y
HEXACHLOROCYCLOPENTADIENE	580	UJ	Y
HEXACHLOROETHANE	580	UJ	Y
HEXACHLOROPHENE	580	UR	C
HEXACHLOROPROPENE	580	UJ	Y
INDENO(1,2,3-CD)PYRENE	770	J	PY
ISODRIN	580	UJ	Y
ISOPHORONE	580	UJ	Y
ISOSAFROLE	580	UJ	Y
KEPONE	580	UJ	Y
METHAPYRILENE	580	UJ	Y
METHYL METHANE SULFONATE	580	UJ	Y
METHYL PARATHION	580	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1FD11040602
samp_date	11/4/2006
lab_id	0611056-10
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	S1-SD-09-00-1106

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	230	UJ	Y
NITROBENZENE	580	UJ	Y
N-NITROSODIETHYLAMINE	580	UJ	Y
N-NITROSODIMETHYLAMINE	580	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	580	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	580	UJ	Y
N-NITROSODIPHENYLAMINE	580	UJ	Y
N-NITROSOMETHYLETHYLAMINE	580	UJ	Y
N-NITROSOMORPHOLINE	580	UJ	Y
N-NITROSOPIPERIDINE	580	UJ	Y
N-NITROSOPYRROLIDINE	580	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	580	UJ	Y
O-TOLUIDINE	580	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	580	UJ	Y
PENTACHLOROBENZENE	580	UJ	Y
PENTACHLOROETHANE	580	UJ	Y
PENTACHLORONITROBENZENE	580	UJ	Y
PENTACHLOROPHENOL	580	UJ	Y
PHENACETIN	580	UJ	Y
PHENANTHRENE	260	J	PY
PHENOL	580	UJ	Y
PHORATE	580	UJ	Y
PRONAMIDE	580	UJ	Y
PYRENE	2600	J	Y
PYRIDINE	580	UJ	Y
SAFROLE	580	UJ	Y
SULFOTEPP	580	UJ	Y
THIONAZIN	580	UJ	Y

nsample	S1-SD-01-00-1106-R
samp_date	11/3/2006
lab_id	0611056-01
qc_type	NM
units	UG/KG
Pct_Solids	56.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	180	U	
1,2,4-TRICHLOROBENZENE	180	U	
1,2-DICHLOROBENZENE	180	U	
1,3,5-TRINITROBENZENE	180	U	
1,3-DICHLOROBENZENE	180	U	
1,3-DINITROBENZENE	180	U	
1,4-DICHLOROBENZENE	180	U	
1,4-NAPHTHOQUINONE	180	U	
1,4-PHENYLENEDIAMINE	180	U	
1-NAPHTHYLAMINE	180	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	180	U	
2,3,4,6-TETRACHLOROPHENOL	180	U	
2,4,5-TRICHLOROPHENOL	180	U	
2,4,6-TRICHLOROPHENOL	180	U	
2,4-DICHLOROPHENOL	180	U	
2,4-DIMETHYLPHENOL	180	U	
2,4-DINITROPHENOL	180	U	
2,4-DINITROTOLUENE	180	U	
2,6-DICHLOROPHENOL	180	U	
2,6-DINITROTOLUENE	180	U	
2-ACETYLAMINOFLUORENE	180	U	
2-CHLORONAPHTHALENE	180	U	
2-CHLOROPHENOL	180	U	
2-METHYLNAPHTHALENE	72	U	
2-METHYLPHENOL	180	U	
2-NAPHTHYLAMINE	180	U	
2-NITROANILINE	180	U	
2-NITROPHENOL	180	U	
2-PICOLINE	180	U	
3,3'-DICHLOROBENZIDINE	270	U	
3,3'-DIMETHYLBENZIDINE	180	U	
3-METHYLCHOLANTHRENE	180	U	

nsample	S1-SD-01-00-1106-R
samp_date	11/3/2006
lab_id	0611056-01
qc_type	NM
units	UG/KG
Pct_Solids	56.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	180	U	
3-NITROANILINE	180	U	
4,6-DINITRO-2-METHYLPHENOL	180	U	
4-AMINOBIPHENYL	180	U	
4-BROMOPHENYL PHENYL ETHER	180	U	
4-CHLORO-3-METHYLPHENOL	180	U	
4-CHLOROANILINE	180	U	
4-CHLOROPHENYL PHENYL ETHER	180	U	
4-METHYLPHENOL	180	U	
4-NITROANILINE	180	U	
4-NITROPHENOL	180	U	
4-NITROQUINOLINE-1-OXIDE	180	UR	C
5-NITRO-O-TOLUIDINE	180	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	180	U	
A,A-DIMETHYLPHENETHYLAMINE	180	U	
ACENAPHTHENE	72	U	
ACENAPHTHYLENE	72	U	
ACETOPHENONE	180	U	
ANILINE	180	U	
ANTHRACENE	87	J	P
ARAMITE	180	U	
BENZO(A)ANTHRACENE	1800		
BENZO(A)PYRENE	1900	J	P
BENZO(B)FLUORANTHENE	3000	J	P
BENZO(G,H,I)PERYLENE	1400	J	P
BENZO(K)FLUORANTHENE	2000	J	P
BENZOIC ACID	180	U	
BENZYL ALCOHOL	180	U	
BIS(2-CHLOROETHOXY)METHANE	180	U	
BIS(2-CHLOROETHYL)ETHER	180	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	180	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-01-00-1106-R
samp_date	11/3/2006
lab_id	0611056-01
qc_type	NM
units	UG/KG
Pct_Solids	56.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	180	U	
CHRYSENE	2800	J	P
DIALLATE	180	U	
DIBENZO(A,H)ANTHRACENE	300	U	
DIBENZOFURAN	180	U	
DIETHYL PHTHALATE	180	U	
DIMETHOATE	180	U	
DIMETHYL PHTHALATE	180	U	
DI-N-BUTYL PHTHALATE	180	U	
DI-N-OCTYL PHTHALATE	180	U	
DINOSEB	180	U	
DIPHENYLAMINE	180	U	
DISULFOTON	180	U	
ETHYL METHANE SULFONATE	180	U	
ETHYL PARATHION	180	U	
FAMPHUR	180	U	
FLUORANTHENE	2900	J	P
FLUORENE	72	U	
HEXACHLOROBENZENE	180	U	
HEXACHLOROBUTADIENE	180	U	
HEXACHLOROCYCLOPENTADIENE	180	U	
HEXACHLOROETHANE	180	U	
HEXACHLOROPHENE	180	UR	C
HEXACHLOROPROPENE	180	U	
INDENO(1,2,3-CD)PYRENE	1700	U	
ISODRIN	180	U	
ISOPHORONE	180	U	
ISOSAFROLE	180	U	
KEPONE	180	U	
METHAPYRILENE	180	U	
METHYL METHANE SULFONATE	180	U	
METHYL PARATHION	180	U	

nsample	S1-SD-01-00-1106-R
samp_date	11/3/2006
lab_id	0611056-01
qc_type	NM
units	UG/KG
Pct_Solids	56.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	72	U	
NITROBENZENE	180	U	
N-NITROSODIETHYLAMINE	180	U	
N-NITROSODIMETHYLAMINE	180	U	
N-NITROSO-DI-N-BUTYLAMINE	180	U	
N-NITROSO-DI-N-PROPYLAMINE	180	U	
N-NITROSODIPHENYLAMINE	180	U	
N-NITROSOMETHYLETHYLAMINE	180	U	
N-NITROSOMORPHOLINE	180	U	
N-NITROSOPIPERIDINE	180	U	
N-NITROSOPYRROLIDINE	180	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	180	U	
O-TOLUIDINE	180	U	
P-(DIMETHYLAMINO)AZOBENZENE	180	U	
PENTACHLOROBENZENE	180	U	
PENTACHLOROETHANE	180	U	
PENTACHLORONITROBENZENE	180	U	
PENTACHLOROPHENOL	180	U	
PHENACETIN	180	U	
PHENANTHRENE	640		
PHENOL	180	U	
PHORATE	180	U	
PRONAMIDE	180	U	
PYRENE	5100	J	P
PYRIDINE	180	U	
SAFROLE	180	U	
SULFOTEPP	180	U	
THIONAZIN	180	U	

nsample	S1-SD-02-00-1106-R
samp_date	11/3/2006
lab_id	0611056-02
qc_type	NM
units	UG/KG
Pct_Solids	73.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	140	U	
1,2,4-TRICHLOROBENZENE	140	U	
1,2-DICHLOROBENZENE	140	U	
1,3,5-TRINITROBENZENE	140	U	
1,3-DICHLOROBENZENE	140	U	
1,3-DINITROBENZENE	140	U	
1,4-DICHLOROBENZENE	140	U	
1,4-NAPHTHOQUINONE	140	U	
1,4-PHENYLENEDIAMINE	140	U	
1-NAPHTHYLAMINE	140	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	140	U	
2,3,4,6-TETRACHLOROPHENOL	140	U	
2,4,5-TRICHLOROPHENOL	140	U	
2,4,6-TRICHLOROPHENOL	140	U	
2,4-DICHLOROPHENOL	140	U	
2,4-DIMETHYLPHENOL	140	U	
2,4-DINITROPHENOL	140	U	
2,4-DINITROTOLUENE	140	U	
2,6-DICHLOROPHENOL	140	U	
2,6-DINITROTOLUENE	140	U	
2-ACETYLAMINOFLUORENE	140	U	
2-CHLORONAPHTHALENE	140	U	
2-CHLOROPHENOL	140	U	
2-METHYLNAPHTHALENE	55	U	
2-METHYLPHENOL	140	U	
2-NAPHTHYLAMINE	140	U	
2-NITROANILINE	140	U	
2-NITROPHENOL	140	U	
2-PICOLINE	140	U	
3,3'-DICHLOROBENZIDINE	200	U	
3,3'-DIMETHYLBENZIDINE	140	U	
3-METHYLCHOLANTHRENE	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-02-00-1106-R
samp_date	11/3/2006
lab_id	0611056-02
qc_type	NM
units	UG/KG
Pct_Solids	73.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	140	U	
3-NITROANILINE	140	U	
4,6-DINITRO-2-METHYLPHENOL	140	U	
4-AMINOBIPHENYL	140	U	
4-BROMOPHENYL PHENYL ETHER	140	U	
4-CHLORO-3-METHYLPHENOL	140	U	
4-CHLOROANILINE	140	U	
4-CHLOROPHENYL PHENYL ETHER	140	U	
4-METHYLPHENOL	140	U	
4-NITROANILINE	140	U	
4-NITROPHENOL	140	U	
4-NITROQUINOLINE-1-OXIDE	140	UR	C
5-NITRO-O-TOLUIDINE	140	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	140	U	
A,A-DIMETHYLPHENETHYLAMINE	140	U	
ACENAPHTHENE	55	U	
ACENAPHTHYLENE	55	U	
ACETOPHENONE	140	U	
ANILINE	140	U	
ANTHRACENE	120	J	P
ARAMITE	140	U	
BENZO(A)ANTHRACENE	2700		
BENZO(A)PYRENE	2300	J	P
BENZO(B)FLUORANTHENE	3100		
BENZO(G,H,I)PERYLENE	1300	J	P
BENZO(K)FLUORANTHENE	2600	J	P
BENZOIC ACID	140	U	
BENZYL ALCOHOL	140	U	
BIS(2-CHLOROETHOXY)METHANE	140	U	
BIS(2-CHLOROETHYL)ETHER	140	U	
BIS(2-ETHYLHEXYL)PHTHALATE	140	U	
BUTYL BENZYL PHTHALATE	140	U	

nsample	S1-SD-02-00-1106-R
samp_date	11/3/2006
lab_id	0611056-02
qc_type	NM
units	UG/KG
Pct_Solids	73.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	140	U	
CHRYSENE	3500		
DIALLATE	140	U	
DIBENZO(A,H)ANTHRACENE	380	J	P
DIBENZOFURAN	140	U	
DIETHYL PHTHALATE	140	U	
DIMETHOATE	140	U	
DIMETHYL PHTHALATE	140	U	
DI-N-BUTYL PHTHALATE	140	U	
DI-N-OCTYL PHTHALATE	140	U	
DINOSEB	140	U	
DIPHENYLAMINE	140	U	
DISULFOTON	140	U	
ETHYL METHANE SULFONATE	140	U	
ETHYL PARATHION	140	U	
FAMPHUR	140	U	
FLUORANTHENE	4100		
FLUORENE	55	U	
HEXACHLOROBENZENE	140	U	
HEXACHLOROBUTADIENE	140	U	
HEXACHLOROCYCLOPENTADIENE	140	U	
HEXACHLOROETHANE	140	U	
HEXACHLOROPHENE	140	UR	C
HEXACHLOROPROPENE	140	U	
INDENO(1,2,3-CD)PYRENE	1500		
ISODRIN	140	U	
ISOPHORONE	140	U	
ISOSAFROLE	140	U	
KEPONE	140	U	
METHAPYRILENE	140	U	
METHYL METHANE SULFONATE	140	U	
METHYL PARATHION	140	U	

nsample	S1-SD-02-00-1106-R
samp_date	11/3/2006
lab_id	0611056-02
qc_type	NM
units	UG/KG
Pct_Solids	73.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	55	U	
NITROBENZENE	140	U	
N-NITROSODIETHYLAMINE	140	U	
N-NITROSODIMETHYLAMINE	140	U	
N-NITROSO-DI-N-BUTYLAMINE	140	U	
N-NITROSO-DI-N-PROPYLAMINE	140	U	
N-NITROSODIPHENYLAMINE	140	U	
N-NITROSOMETHYLETHYLAMINE	140	U	
N-NITROSOMORPHOLINE	140	U	
N-NITROSOPIPERIDINE	140	U	
N-NITROSOPYRROLIDINE	140	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	140	U	
O-TOLUIDINE	140	U	
P-(DIMETHYLAMINO)AZOBENZENE	140	U	
PENTACHLOROBENZENE	140	U	
PENTACHLOROETHANE	140	U	
PENTACHLORONITROBENZENE	140	U	
PENTACHLOROPHENOL	140	U	
PHENACETIN	140	U	
PHENANTHRENE	730		
PHENOL	140	U	
PHORATE	140	U	
PRONAMIDE	140	U	
PYRENE	5600	J	P
PYRIDINE	140	U	
SAFROLE	140	U	
SULFOTEPP	140	U	
THIONAZIN	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-03-00-1106
samp_date	11/3/2006
lab_id	0611056-03
qc_type	NM
units	UG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	250	U	
1,2-DICHLOROBENZENE	1800		
1,3,5-TRINITROBENZENE	250	U	
1,3-DICHLOROBENZENE	250	U	
1,3-DINITROBENZENE	250	U	
1,4-DICHLOROBENZENE	250	U	
1,4-NAPHTHOQUINONE	250	U	
1,4-PHENYLENEDIAMINE	250	U	
1-NAPHTHYLAMINE	250	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	250	U	
2,3,4,6-TETRACHLOROPHENOL	250	U	
2,4,5-TRICHLOROPHENOL	250	U	
2,4,6-TRICHLOROPHENOL	250	U	
2,4-DICHLOROPHENOL	250	U	
2,4-DIMETHYLPHENOL	250	U	
2,4-DINITROPHENOL	250	U	
2,4-DINITROTOLUENE	250	U	
2,6-DICHLOROPHENOL	250	U	
2,6-DINITROTOLUENE	250	U	
2-ACETYLAMINOFLUORENE	250	U	
2-CHLORONAPHTHALENE	250	U	
2-CHLOROPHENOL	250	U	
2-METHYLNAPHTHALENE	100	U	
2-METHYLPHENOL	250	U	
2-NAPHTHYLAMINE	250	U	
2-NITROANILINE	250	U	
2-NITROPHENOL	250	U	
2-PICOLINE	250	U	
3,3'-DICHLOROBENZIDINE	380	U	
3,3'-DIMETHYLBENZIDINE	250	U	
3-METHYLCHOLANTHRENE	250	U	

nsample	S1-SD-03-00-1106
samp_date	11/3/2006
lab_id	0611056-03
qc_type	NM
units	UG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	250	U	
3-NITROANILINE	250	U	
4,6-DINITRO-2-METHYLPHENOL	250	U	
4-AMINOBIPHENYL	250	U	
4-BROMOPHENYL PHENYL ETHER	250	U	
4-CHLORO-3-METHYLPHENOL	250	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	250	U	
4-METHYLPHENOL	250	U	
4-NITROANILINE	250	U	
4-NITROPHENOL	250	U	
4-NITROQUINOLINE-1-OXIDE	250	UR	C
5-NITRO-O-TOLUIDINE	250	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	250	U	
A,A-DIMETHYLPHENETHYLAMINE	250	U	
ACENAPHTHENE	100	U	
ACENAPHTHYLENE	100	U	
ACETOPHENONE	250	U	
ANILINE	250	U	
ANTHRACENE	100	U	
ARAMITE	250	U	
BENZO(A)ANTHRACENE	170	J	P
BENZO(A)PYRENE	100	U	
BENZO(B)FLUORANTHENE	100	U	
BENZO(G,H,I)PERYLENE	100	U	
BENZO(K)FLUORANTHENE	100	U	
BENZOIC ACID	250	U	
BENZYL ALCOHOL	250	U	
BIS(2-CHLOROETHOXY)METHANE	250	U	
BIS(2-CHLOROETHYL)ETHER	250	U	
BIS(2-ETHYLHEXYL)PHTHALATE	590	J	P
BUTYL BENZYL PHTHALATE	250	U	

nsample	S1-SD-03-00-1106
samp_date	11/3/2006
lab_id	0611056-03
qc_type	NM
units	UG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	250	U	
CHRYSENE	200	J	P
DIALLATE	250	U	
DIBENZO(A,H)ANTHRACENE	100	U	
DIBENZOFURAN	250	U	
DIETHYL PHTHALATE	250	U	
DIMETHOATE	250	U	
DIMETHYL PHTHALATE	250	U	
DI-N-BUTYL PHTHALATE	250	U	
DI-N-OCTYL PHTHALATE	250	U	
DINOSEB	250	U	
DIPHENYLAMINE	250	U	
DISULFOTON	250	U	
ETHYL METHANE SULFONATE	250	U	
ETHYL PARATHION	250	U	
FAMPHUR	250	U	
FLUORANTHENE	480	J	P
FLUORENE	100	U	
HEXACHLOROBENZENE	250	U	
HEXACHLOROBUTADIENE	250	U	
HEXACHLOROCYCLOPENTADIENE	250	U	
HEXACHLOROETHANE	250	U	
HEXACHLOROPHENE	250	UR	C
HEXACHLOROPROPENE	250	U	
INDENO(1,2,3-CD)PYRENE	100	U	
ISODRIN	250	U	
ISOPHORONE	250	U	
ISOSAFROLE	250	U	
KEPONE	250	U	
METHAPYRILENE	250	U	
METHYL METHANE SULFONATE	250	U	
METHYL PARATHION	250	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-03-00-1106	nsample	S1-SD-04-00-1106	nsample	S1-SD-04-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611056-03	lab_id	0611056-04	lab_id	0611056-04
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	11.0	Pct_Solids	11.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	100	U	
NITROBENZENE	250	U	
N-NITROSODIETHYLAMINE	250	U	
N-NITROSODIMETHYLAMINE	250	U	
N-NITROSO-DI-N-BUTYLAMINE	250	U	
N-NITROSO-DI-N-PROPYLAMINE	250	U	
N-NITROSODIPHENYLAMINE	250	U	
N-NITROSOMETHYLETHYLAMINE	250	U	
N-NITROSOMORPHOLINE	250	U	
N-NITROSOPIPERIDINE	250	U	
N-NITROSOPYRROLIDINE	250	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	250	U	
O-TOLUIDINE	250	U	
P-(DIMETHYLAMINO)AZOBENZENE	250	U	
PENTACHLOROBENZENE	250	U	
PENTACHLOROETHANE	250	U	
PENTACHLORONITROBENZENE	250	U	
PENTACHLOROPHENOL	250	U	
PHENACETIN	250	U	
PHENANTHRENE	290	J	P
PHENOL	250	U	
PHORATE	250	U	
PRONAMIDE	250	U	
PYRENE	720	J	P
PYRIDINE	250	U	
SAFROLE	250	U	
SULFOTEPP	250	U	
THIONAZIN	250	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	910	UJ	Y
1,2,4-TRICHLOROBENZENE	910	UJ	Y
1,2-DICHLOROBENZENE	910	UJ	Y
1,3,5-TRINITROBENZENE	910	UJ	Y
1,3-DICHLOROBENZENE	910	UJ	Y
1,3-DINITROBENZENE	910	UJ	Y
1,4-DICHLOROBENZENE	910	UJ	Y
1,4-NAPHTHOQUINONE	910	UJ	Y
1,4-PHENYLENEDIAMINE	910	UJ	Y
1-NAPHTHYLAMINE	910	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	910	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	910	UJ	Y
2,4,5-TRICHLOROPHENOL	910	UJ	Y
2,4,6-TRICHLOROPHENOL	910	UJ	Y
2,4-DICHLOROPHENOL	910	UJ	Y
2,4-DIMETHYLPHENOL	910	UJ	Y
2,4-DINITROPHENOL	910	UJ	Y
2,4-DINITROTOLUENE	910	UJ	Y
2,6-DICHLOROPHENOL	910	UJ	Y
2,6-DINITROTOLUENE	910	UJ	Y
2-ACETYLAMINOFLUORENE	910	UJ	Y
2-CHLORONAPHTHALENE	910	UJ	Y
2-CHLOROPHENOL	910	UJ	Y
2-METHYLNAPHTHALENE	360	UJ	Y
2-METHYLPHENOL	910	UJ	Y
2-NAPHTHYLAMINE	910	UJ	Y
2-NITROANILINE	910	UJ	Y
2-NITROPHENOL	910	UJ	Y
2-PICOLINE	910	UJ	Y
3,3'-DICHLOROBENZIDINE	1400	UJ	Y
3,3'-DIMETHYLBENZIDINE	910	UJ	Y
3-METHYLCHOLANTHRENE	910	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	910	UJ	Y
3-NITROANILINE	910	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	910	UJ	Y
4-AMINOBIPHENYL	910	UJ	Y
4-BROMOPHENYL PHENYL ETHER	910	UJ	Y
4-CHLORO-3-METHYLPHENOL	910	UJ	Y
4-CHLOROANILINE	910	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	910	UJ	Y
4-METHYLPHENOL	910	UJ	Y
4-NITROANILINE	910	UJ	Y
4-NITROPHENOL	910	UJ	Y
4-NITROQUINOLINE-1-OXIDE	910	UR	C
5-NITRO-O-TOLUIDINE	910	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	910	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	910	UJ	Y
ACENAPHTHENE	360	UJ	Y
ACENAPHTHYLENE	360	UJ	Y
ACETOPHENONE	910	UJ	Y
ANILINE	910	UJ	Y
ANTHRACENE	360	UJ	Y
ARAMITE	910	UJ	Y
BENZO(A)ANTHRACENE	370	J	PY
BENZO(A)PYRENE	440	J	PY
BENZO(B)FLUORANTHENE	720	J	PY
BENZO(G,H,I)PERYLENE	500	J	PY
BENZO(K)FLUORANTHENE	540	J	PY
BENZOIC ACID	3600	J	PY
BENZYL ALCOHOL	910	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	910	UJ	Y
BIS(2-CHLOROETHYL)ETHER	910	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	910	UJ	Y
BUTYL BENZYL PHTHALATE	910	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-04-00-1106	nsample	S1-SD-04-00-1106	nsample	S1-SD-05-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611056-04	lab_id	0611056-04	lab_id	0611056-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	11.0	Pct_Solids	11.0	Pct_Solids	12.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	910	UJ	Y
CHRYSENE	510	J	PY
DIALLATE	910	UJ	Y
DIBENZO(A,H)ANTHRACENE	360	UJ	Y
DIBENZOFURAN	910	UJ	Y
DIETHYL PHTHALATE	910	UJ	Y
DIMETHOATE	910	UJ	Y
DIMETHYL PHTHALATE	910	UJ	Y
DI-N-BUTYL PHTHALATE	910	UJ	Y
DI-N-OCTYL PHTHALATE	910	UJ	Y
DINOSEB	910	UJ	Y
DIPHENYLAMINE	910	UJ	Y
DISULFOTON	910	UJ	Y
ETHYL METHANE SULFONATE	910	UJ	Y
ETHYL PARATHION	910	UJ	Y
FAMPHUR	910	UJ	Y
FLUORANTHENE	650	J	PY
FLUORENE	360	UJ	Y
HEXACHLOROBENZENE	910	UJ	Y
HEXACHLOROBUTADIENE	910	UJ	Y
HEXACHLOROCYCLOPENTADIENE	910	UJ	Y
HEXACHLOROETHANE	910	UJ	Y
HEXACHLOROPHENE	910	UR	C
HEXACHLOROPROPENE	910	UJ	Y
INDENO(1,2,3-CD)PYRENE	360	UJ	Y
ISODRIN	910	UJ	Y
ISOPHORONE	910	UJ	Y
ISOSAFROLE	910	UJ	Y
KEPONE	910	UJ	Y
METHAPYRILENE	910	UJ	Y
METHYL METHANE SULFONATE	910	UJ	Y
METHYL PARATHION	910	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	360	UJ	Y
NITROBENZENE	910	UJ	Y
N-NITROSODIETHYLAMINE	910	UJ	Y
N-NITROSODIMETHYLAMINE	910	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	910	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	910	UJ	Y
N-NITROSODIPHENYLAMINE	910	UJ	Y
N-NITROSOMETHYLETHYLAMINE	910	UJ	Y
N-NITROSOMORPHOLINE	910	UJ	Y
N-NITROSOPIPERIDINE	910	UJ	Y
N-NITROSOPYRROLIDINE	910	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	910	UJ	Y
O-TOLUIDINE	910	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	910	UJ	Y
PENTACHLOROBENZENE	910	UJ	Y
PENTACHLOROETHANE	910	UJ	Y
PENTACHLORONITROBENZENE	910	UJ	Y
PENTACHLOROPHENOL	910	UJ	Y
PHENACETIN	910	UJ	Y
PHENANTHRENE	360	UJ	Y
PHENOL	910	UJ	Y
PHORATE	910	UJ	Y
PRONAMIDE	910	UJ	Y
PYRENE	1000	J	PY
PYRIDINE	910	UJ	Y
SAFROLE	910	UJ	Y
SULFOTEPP	910	UJ	Y
THIONAZIN	910	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	810	UJ	Y
1,2,4-TRICHLOROBENZENE	810	UJ	Y
1,2-DICHLOROBENZENE	810	UJ	Y
1,3,5-TRINITROBENZENE	810	UJ	Y
1,3-DICHLOROBENZENE	810	UJ	Y
1,3-DINITROBENZENE	810	UJ	Y
1,4-DICHLOROBENZENE	810	UJ	Y
1,4-NAPHTHOQUINONE	810	UJ	Y
1,4-PHENYLENEDIAMINE	810	UJ	Y
1-NAPHTHYLAMINE	810	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	810	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	810	UJ	Y
2,4,5-TRICHLOROPHENOL	810	UJ	Y
2,4,6-TRICHLOROPHENOL	810	UJ	Y
2,4-DICHLOROPHENOL	810	UJ	Y
2,4-DIMETHYLPHENOL	810	UJ	Y
2,4-DINITROPHENOL	810	UJ	Y
2,4-DINITROTOLUENE	810	UJ	Y
2,6-DICHLOROPHENOL	810	UJ	Y
2,6-DINITROTOLUENE	810	UJ	Y
2-ACETYLAMINOFLUORENE	810	UJ	Y
2-CHLORONAPHTHALENE	810	UJ	Y
2-CHLOROPHENOL	810	UJ	Y
2-METHYLNAPHTHALENE	320	UJ	Y
2-METHYLPHENOL	810	UJ	Y
2-NAPHTHYLAMINE	810	UJ	Y
2-NITROANILINE	810	UJ	Y
2-NITROPHENOL	810	UJ	Y
2-PICOLINE	810	UJ	Y
3,3'-DICHLOROBENZIDINE	1200	UJ	Y
3,3'-DIMETHYLBENZIDINE	810	UJ	Y
3-METHYLCHOLANTHRENE	810	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-05-00-1106
samp_date	11/3/2006
lab_id	0611056-05
qc_type	NM
units	UG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	810	UJ	Y
3-NITROANILINE	810	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	810	UJ	Y
4-AMINOBIPHENYL	810	UJ	Y
4-BROMOPHENYL PHENYL ETHER	810	UJ	Y
4-CHLORO-3-METHYLPHENOL	810	UJ	Y
4-CHLOROANILINE	810	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	810	UJ	Y
4-METHYLPHENOL	810	UJ	Y
4-NITROANILINE	810	UJ	Y
4-NITROPHENOL	810	UJ	Y
4-NITROQUINOLINE-1-OXIDE	810	UR	C
5-NITRO-O-TOLUIDINE	810	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	810	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	810	UJ	Y
ACENAPHTHENE	320	UJ	Y
ACENAPHTHYLENE	320	UJ	Y
ACETOPHENONE	810	UJ	Y
ANILINE	810	UJ	Y
ANTHRACENE	320	UJ	Y
ARAMITE	810	UJ	Y
BENZO(A)ANTHRACENE	320	UJ	Y
BENZO(A)PYRENE	320	UJ	Y
BENZO(B)FLUORANTHENE	320	UJ	Y
BENZO(G,H,I)PERYLENE	320	UJ	Y
BENZO(K)FLUORANTHENE	320	UJ	Y
BENZOIC ACID	6200	J	P
BENZYL ALCOHOL	810	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	810	UJ	Y
BIS(2-CHLOROETHYL)ETHER	810	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	810	UJ	Y
BUTYL BENZYL PHTHALATE	810	UJ	Y

nsample	S1-SD-05-00-1106
samp_date	11/3/2006
lab_id	0611056-05
qc_type	NM
units	UG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	810	UJ	Y
CHRYSENE	410	J	PY
DIALLATE	810	UJ	Y
DIBENZO(A,H)ANTHRACENE	320	UJ	Y
DIBENZOFURAN	810	UJ	Y
DIETHYL PHTHALATE	810	UJ	Y
DIMETHOATE	810	UJ	Y
DIMETHYL PHTHALATE	810	UJ	Y
DI-N-BUTYL PHTHALATE	810	UJ	Y
DI-N-OCTYL PHTHALATE	810	UJ	Y
DINOSEB	810	UJ	Y
DIPHENYLAMINE	810	UJ	Y
DISULFOTON	810	UJ	Y
ETHYL METHANE SULFONATE	810	UJ	Y
ETHYL PARATHION	810	UJ	Y
FAMPHUR	810	UJ	Y
FLUORANTHENE	390	J	PY
FLUORENE	320	UJ	Y
HEXACHLOROBENZENE	810	UJ	Y
HEXACHLOROBUTADIENE	810	UJ	Y
HEXACHLOROCYCLOPENTADIENE	810	UJ	Y
HEXACHLOROETHANE	810	UJ	Y
HEXACHLOROPHENE	810	UR	C
HEXACHLOROPROPENE	810	UJ	Y
INDENO(1,2,3-CD)PYRENE	320	UJ	Y
ISODRIN	810	UJ	Y
ISOPHORONE	810	UJ	Y
ISOSAFROLE	810	UJ	Y
KEPONE	810	UJ	Y
METHAPYRILENE	810	UJ	Y
METHYL METHANE SULFONATE	810	UJ	Y
METHYL PARATHION	810	UJ	Y

nsample	S1-SD-05-00-1106
samp_date	11/3/2006
lab_id	0611056-05
qc_type	NM
units	UG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	320	UJ	Y
NITROBENZENE	810	UJ	Y
N-NITROSODIETHYLAMINE	810	UJ	Y
N-NITROSODIMETHYLAMINE	810	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	810	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	810	UJ	Y
N-NITROSODIPHENYLAMINE	810	UJ	Y
N-NITROSOMETHYLETHYLAMINE	810	UJ	Y
N-NITROSOMORPHOLINE	810	UJ	Y
N-NITROSOPIPERIDINE	810	UJ	Y
N-NITROSOPYRROLIDINE	810	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	810	UJ	Y
O-TOLUIDINE	810	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	810	UJ	Y
PENTACHLOROBENZENE	810	UJ	Y
PENTACHLOROETHANE	810	UJ	Y
PENTACHLORONITROBENZENE	810	UJ	Y
PENTACHLOROPHENOL	810	UJ	Y
PHENACETIN	810	UJ	Y
PHENANTHRENE	320	UJ	Y
PHENOL	810	UJ	Y
PHORATE	810	UJ	Y
PRONAMIDE	810	UJ	Y
PYRENE	900	J	PY
PYRIDINE	810	UJ	Y
SAFROLE	810	UJ	Y
SULFOTEPP	810	UJ	Y
THIONAZIN	810	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-06-00-1106	nsample	S1-SD-06-00-1106	nsample	S1-SD-06-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-06	lab_id	0611056-06	lab_id	0611056-06
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	11.0	Pct_Solids	11.0	Pct_Solids	11.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	920	UJ	Y
1,2,4-TRICHLOROBENZENE	920	UJ	Y
1,2-DICHLOROBENZENE	920	UJ	Y
1,3,5-TRINITROBENZENE	920	UJ	Y
1,3-DICHLOROBENZENE	920	UJ	Y
1,3-DINITROBENZENE	920	UJ	Y
1,4-DICHLOROBENZENE	920	UJ	Y
1,4-NAPHTHOQUINONE	920	UJ	Y
1,4-PHENYLENEDIAMINE	920	UJ	Y
1-NAPHTHYLAMINE	920	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	920	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	920	UJ	Y
2,4,5-TRICHLOROPHENOL	920	UJ	Y
2,4,6-TRICHLOROPHENOL	920	UJ	Y
2,4-DICHLOROPHENOL	920	UJ	Y
2,4-DIMETHYLPHENOL	920	UJ	Y
2,4-DINITROPHENOL	920	UJ	Y
2,4-DINITROTOLUENE	920	UJ	Y
2,6-DICHLOROPHENOL	920	UJ	Y
2,6-DINITROTOLUENE	920	UJ	Y
2-ACETYLAMINOFLUORENE	920	UJ	Y
2-CHLORONAPHTHALENE	920	UJ	Y
2-CHLOROPHENOL	920	UJ	Y
2-METHYLNAPHTHALENE	370	UJ	Y
2-METHYLPHENOL	920	UJ	Y
2-NAPHTHYLAMINE	920	UJ	Y
2-NITROANILINE	920	UJ	Y
2-NITROPHENOL	920	UJ	Y
2-PICOLINE	920	UJ	Y
3,3'-DICHLOROBENZIDINE	1400	UJ	Y
3,3'-DIMETHYLBENZIDINE	920	UJ	Y
3-METHYLCHOLANTHRENE	920	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	920	UJ	Y
3-NITROANILINE	920	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	920	UJ	Y
4-AMINOBIPHENYL	920	UJ	Y
4-BROMOPHENYL PHENYL ETHER	920	UJ	Y
4-CHLORO-3-METHYLPHENOL	920	UJ	Y
4-CHLOROANILINE	920	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	920	UJ	Y
4-METHYLPHENOL	920	UJ	Y
4-NITROANILINE	920	UJ	Y
4-NITROPHENOL	920	UJ	Y
4-NITROQUINOLINE-1-OXIDE	920	UR	C
5-NITRO-O-TOLUIDINE	920	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	920	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	920	UJ	Y
ACENAPHTHENE	370	UJ	Y
ACENAPHTHYLENE	720	J	PY
ACETOPHENONE	920	UJ	Y
ANILINE	920	UJ	Y
ANTHRACENE	370	UJ	Y
ARAMITE	920	UJ	Y
BENZO(A)ANTHRACENE	510	J	PY
BENZO(A)PYRENE	960	J	PY
BENZO(B)FLUORANTHENE	740	J	PY
BENZO(G,H,I)PERYLENE	550	J	PY
BENZO(K)FLUORANTHENE	920	J	PY
BENZOIC ACID	7100	J	PY
BENZYL ALCOHOL	920	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	920	UJ	Y
BIS(2-CHLOROETHYL)ETHER	920	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	920	UJ	Y
BUTYL BENZYL PHTHALATE	920	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	920	UJ	Y
CHRYSENE	820	J	PY
DIALLATE	920	UJ	Y
DIBENZO(A,H)ANTHRACENE	370	UJ	Y
DIBENZOFURAN	920	UJ	Y
DIETHYL PHTHALATE	920	UJ	Y
DIMETHOATE	920	UJ	Y
DIMETHYL PHTHALATE	920	UJ	Y
DI-N-BUTYL PHTHALATE	920	UJ	Y
DI-N-OCTYL PHTHALATE	920	UJ	Y
DINOSEB	920	UJ	Y
DIPHENYLAMINE	920	UJ	Y
DISULFOTON	920	UJ	Y
ETHYL METHANE SULFONATE	920	UJ	Y
ETHYL PARATHION	920	UJ	Y
FAMPHUR	920	UJ	Y
FLUORANTHENE	960	J	PY
FLUORENE	370	UJ	Y
HEXACHLOROBENZENE	920	UJ	Y
HEXACHLOROBUTADIENE	920	UJ	Y
HEXACHLOROCYCLOPENTADIENE	920	UJ	Y
HEXACHLOROETHANE	920	UJ	Y
HEXACHLOROPHENE	920	UR	C
HEXACHLOROPROPENE	920	UJ	Y
INDENO(1,2,3-CD)PYRENE	370	UJ	Y
ISODRIN	920	UJ	Y
ISOPHORONE	920	UJ	Y
ISOSAFROLE	920	UJ	Y
KEPONE	920	UJ	Y
METHAPYRILENE	920	UJ	Y
METHYL METHANE SULFONATE	920	UJ	Y
METHYL PARATHION	920	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-06-00-1106	nsample	S1-SD-07-00-1106	nsample	S1-SD-07-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-06	lab_id	0611056-07	lab_id	0611056-07
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	11.0	Pct_Solids	12.0	Pct_Solids	12.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	370	UJ	Y
NITROBENZENE	920	UJ	Y
N-NITROSODIETHYLAMINE	920	UJ	Y
N-NITROSODIMETHYLAMINE	920	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	920	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	920	UJ	Y
N-NITROSODIPHENYLAMINE	920	UJ	Y
N-NITROSOMETHYLETHYLAMINE	920	UJ	Y
N-NITROSOMORPHOLINE	920	UJ	Y
N-NITROSOPIPERIDINE	920	UJ	Y
N-NITROSOPYRROLIDINE	920	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	920	UJ	Y
O-TOLUIDINE	920	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	920	UJ	Y
PENTACHLOROBENZENE	920	UJ	Y
PENTACHLOROETHANE	920	UJ	Y
PENTACHLORONITROBENZENE	920	UJ	Y
PENTACHLOROPHENOL	920	UJ	Y
PHENACETIN	920	UJ	Y
PHENANTHRENE	370	UJ	Y
PHENOL	920	UJ	Y
PHORATE	920	UJ	Y
PRONAMIDE	920	UJ	Y
PYRENE	2500	J	PY
PYRIDINE	920	UJ	Y
SAFROLE	920	UJ	Y
SULFOTEPP	920	UJ	Y
THIONAZIN	920	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	810	UJ	Y
1,2,4-TRICHLOROBENZENE	810	UJ	Y
1,2-DICHLOROBENZENE	810	UJ	Y
1,3,5-TRINITROBENZENE	810	UJ	Y
1,3-DICHLOROBENZENE	810	UJ	Y
1,3-DINITROBENZENE	810	UJ	Y
1,4-DICHLOROBENZENE	810	UJ	Y
1,4-NAPHTHOQUINONE	810	UJ	Y
1,4-PHENYLENEDIAMINE	810	UJ	Y
1-NAPHTHYLAMINE	810	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	810	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	810	UJ	Y
2,4,5-TRICHLOROPHENOL	810	UJ	Y
2,4,6-TRICHLOROPHENOL	810	UJ	Y
2,4-DICHLOROPHENOL	810	UJ	Y
2,4-DIMETHYLPHENOL	810	UJ	Y
2,4-DINITROPHENOL	810	UJ	Y
2,4-DINITROTOLUENE	810	UJ	Y
2,6-DICHLOROPHENOL	810	UJ	Y
2,6-DINITROTOLUENE	810	UJ	Y
2-ACETYLAMINOFLUORENE	810	UJ	Y
2-CHLORONAPHTHALENE	810	UJ	Y
2-CHLOROPHENOL	810	UJ	Y
2-METHYLNAPHTHALENE	320	UJ	Y
2-METHYLPHENOL	810	UJ	Y
2-NAPHTHYLAMINE	810	UJ	Y
2-NITROANILINE	810	UJ	Y
2-NITROPHENOL	810	UJ	Y
2-PICOLINE	810	UJ	Y
3,3'-DICHLOROBENZIDINE	1200	UJ	Y
3,3'-DIMETHYLBENZIDINE	810	UJ	Y
3-METHYLCHOLANTHRENE	810	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	810	UJ	Y
3-NITROANILINE	810	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	810	UJ	Y
4-AMINOBIPHENYL	810	UJ	Y
4-BROMOPHENYL PHENYL ETHER	810	UJ	Y
4-CHLORO-3-METHYLPHENOL	810	UJ	Y
4-CHLOROANILINE	810	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	810	UJ	Y
4-METHYLPHENOL	810	UJ	Y
4-NITROANILINE	810	UJ	Y
4-NITROPHENOL	810	UJ	Y
4-NITROQUINOLINE-1-OXIDE	810	UR	C
5-NITRO-O-TOLUIDINE	810	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	810	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	810	UJ	Y
ACENAPHTHENE	320	UJ	Y
ACENAPHTHYLENE	320	UJ	Y
ACETOPHENONE	810	UJ	Y
ANILINE	810	UJ	Y
ANTHRACENE	320	UJ	Y
ARAMITE	810	UJ	Y
BENZO(A)ANTHRACENE	320	UJ	Y
BENZO(A)PYRENE	320	UJ	Y
BENZO(B)FLUORANTHENE	320	UJ	Y
BENZO(G,H,I)PERYLENE	320	UJ	Y
BENZO(K)FLUORANTHENE	320	UJ	Y
BENZOIC ACID	5600	J	Y
BENZYL ALCOHOL	810	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	810	UJ	Y
BIS(2-CHLOROETHYL)ETHER	810	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	810	UJ	Y
BUTYL BENZYL PHTHALATE	810	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-07-00-1106
samp_date	11/4/2006
lab_id	0611056-07
qc_type	NM
units	UG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	810	UJ	Y
CHRYSENE	320	UJ	Y
DIALLATE	810	UJ	Y
DIBENZO(A,H)ANTHRACENE	320	UJ	Y
DIBENZOFURAN	810	UJ	Y
DIETHYL PHTHALATE	810	UJ	Y
DIMETHOATE	810	UJ	Y
DIMETHYL PHTHALATE	810	UJ	Y
DI-N-BUTYL PHTHALATE	810	UJ	Y
DI-N-OCTYL PHTHALATE	810	UJ	Y
DINOSEB	810	UJ	Y
DIPHENYLAMINE	810	UJ	Y
DISULFOTON	810	UJ	Y
ETHYL METHANE SULFONATE	810	UJ	Y
ETHYL PARATHION	810	UJ	Y
FAMPHUR	810	UJ	Y
FLUORANTHENE	320	UJ	Y
FLUORENE	320	UJ	Y
HEXACHLOROBENZENE	810	UJ	Y
HEXACHLOROBUTADIENE	810	UJ	Y
HEXACHLOROCYCLOPENTADIENE	810	UJ	Y
HEXACHLOROETHANE	810	UJ	Y
HEXACHLOROPHENE	810	UR	C
HEXACHLOROPROPENE	810	UJ	Y
INDENO(1,2,3-CD)PYRENE	320	UJ	Y
ISODRIN	810	UJ	Y
ISOPHORONE	810	UJ	Y
ISOSAFROLE	810	UJ	Y
KEPONE	810	UJ	Y
METHAPYRILENE	810	UJ	Y
METHYL METHANE SULFONATE	810	UJ	Y
METHYL PARATHION	810	UJ	Y

nsample	S1-SD-07-00-1106
samp_date	11/4/2006
lab_id	0611056-07
qc_type	NM
units	UG/KG
Pct_Solids	12.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	320	UJ	Y
NITROBENZENE	810	UJ	Y
N-NITROSODIETHYLAMINE	810	UJ	Y
N-NITROSODIMETHYLAMINE	810	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	810	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	810	UJ	Y
N-NITROSODIPHENYLAMINE	810	UJ	Y
N-NITROSOMETHYLETHYLAMINE	810	UJ	Y
N-NITROSOMORPHOLINE	810	UJ	Y
N-NITROSOPIPERIDINE	810	UJ	Y
N-NITROSOPYRROLIDINE	810	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	810	UJ	Y
O-TOLUIDINE	810	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	810	UJ	Y
PENTACHLOROBENZENE	810	UJ	Y
PENTACHLOROETHANE	810	UJ	Y
PENTACHLORONITROBENZENE	810	UJ	Y
PENTACHLOROPHENOL	810	UJ	Y
PHENACETIN	810	UJ	Y
PHENANTHRENE	320	UJ	Y
PHENOL	810	UJ	Y
PHORATE	810	UJ	Y
PRONAMIDE	810	UJ	Y
PYRENE	320	UJ	Y
PYRIDINE	810	UJ	Y
SAFROLE	810	UJ	Y
SULFOTEPP	810	UJ	Y
THIONAZIN	810	UJ	Y

nsample	S1-SD-08-00-1106
samp_date	11/4/2006
lab_id	0611056-08
qc_type	NM
units	UG/KG
Pct_Solids	18.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5400	UJ	Y
1,2,4-TRICHLOROBENZENE	5400	UJ	Y
1,2-DICHLOROBENZENE	5400	UJ	Y
1,3,5-TRINITROBENZENE	5400	UJ	Y
1,3-DICHLOROBENZENE	5400	UJ	Y
1,3-DINITROBENZENE	5400	UJ	Y
1,4-DICHLOROBENZENE	5400	UJ	Y
1,4-NAPHTHOQUINONE	5400	UJ	Y
1,4-PHENYLENEDIAMINE	5400	UJ	Y
1-NAPHTHYLAMINE	5400	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	5400	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	5400	UJ	Y
2,4,5-TRICHLOROPHENOL	5400	UJ	Y
2,4,6-TRICHLOROPHENOL	5400	UJ	Y
2,4-DICHLOROPHENOL	5400	UJ	Y
2,4-DIMETHYLPHENOL	5400	UJ	Y
2,4-DINITROPHENOL	5400	UJ	Y
2,4-DINITROTOLUENE	5400	UJ	Y
2,6-DICHLOROPHENOL	5400	UJ	Y
2,6-DINITROTOLUENE	5400	UJ	Y
2-ACETYLAMINOFLUORENE	5400	UJ	Y
2-CHLORONAPHTHALENE	5400	UJ	Y
2-CHLOROPHENOL	5400	UJ	Y
2-METHYLNAPHTHALENE	2200	UJ	Y
2-METHYLPHENOL	5400	UJ	Y
2-NAPHTHYLAMINE	5400	UJ	Y
2-NITROANILINE	5400	UJ	Y
2-NITROPHENOL	5400	UJ	Y
2-PICOLINE	5400	UJ	Y
3,3'-DICHLOROBENZIDINE	8100	UJ	Y
3,3'-DIMETHYLBENZIDINE	5400	UJ	Y
3-METHYLCHOLANTHRENE	5400	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-08-00-1106	nsample	S1-SD-08-00-1106	nsample	S1-SD-08-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-08	lab_id	0611056-08	lab_id	0611056-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	18.0	Pct_Solids	18.0	Pct_Solids	18.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	5400	UJ	Y
3-NITROANILINE	5400	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	5400	UJ	Y
4-AMINOBIPHENYL	5400	UJ	Y
4-BROMOPHENYL PHENYL ETHER	5400	UJ	Y
4-CHLORO-3-METHYLPHENOL	5400	UJ	Y
4-CHLOROANILINE	5400	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	5400	UJ	Y
4-METHYLPHENOL	5400	UJ	Y
4-NITROANILINE	5400	UJ	Y
4-NITROPHENOL	5400	UJ	Y
4-NITROQUINOLINE-1-OXIDE	5400	UR	C
5-NITRO-O-TOLUIDINE	5400	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	5400	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	5400	UJ	Y
ACENAPHTHENE	16000	UJ	Y
ACENAPHTHYLENE	62000	J	PY
ACETOPHENONE	5400	UJ	Y
ANILINE	5400	UJ	Y
ANTHRACENE	14000	UJ	Y
ARAMITE	5400	UJ	Y
BENZO(A)ANTHRACENE	220000	J	PY
BENZO(A)PYRENE	270000	J	PY
BENZO(B)FLUORANTHENE	140000	J	PY
BENZO(G,H,I)PERYLENE	170000	J	PY
BENZO(K)FLUORANTHENE	170000	J	PY
BENZOIC ACID	5400	UJ	Y
BENZYL ALCOHOL	5400	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	5400	UJ	Y
BIS(2-CHLOROETHYL)ETHER	5400	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	5400	UJ	Y
BUTYL BENZYL PHTHALATE	5400	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	5400	UJ	Y
CHRYSENE	160000	J	PY
DIALLATE	5400	UJ	Y
DIBENZO(A,H)ANTHRACENE	36000	UJ	Y
DIBENZOFURAN	5400	UJ	Y
DIETHYL PHTHALATE	5400	UJ	Y
DIMETHOATE	5400	UJ	Y
DIMETHYL PHTHALATE	5400	UJ	Y
DI-N-BUTYL PHTHALATE	5400	UJ	Y
DI-N-OCTYL PHTHALATE	5400	UJ	Y
DINOSEB	5400	UR	C
DIPHENYLAMINE	5400	UJ	Y
DISULFOTON	5400	UJ	Y
ETHYL METHANE SULFONATE	5400	UJ	Y
ETHYL PARATHION	5400	UJ	Y
FAMPHUR	5400	UJ	Y
FLUORANTHENE	140000	J	PY
FLUORENE	2200	UJ	Y
HEXACHLOROBENZENE	5400	UJ	Y
HEXACHLOROBUTADIENE	5400	UJ	Y
HEXACHLOROCYCLOPENTADIENE	5400	UJ	Y
HEXACHLOROETHANE	5400	UJ	Y
HEXACHLOROPHENE	5400	UR	C
HEXACHLOROPROPENE	5400	UJ	Y
INDENO(1,2,3-CD)PYRENE	160000	J	PY
ISODRIN	5400	UJ	Y
ISOPHORONE	5400	UJ	Y
ISOSAFROLE	5400	UJ	Y
KEPONE	5400	UJ	Y
METHAPYRILENE	5400	UJ	Y
METHYL METHANE SULFONATE	5400	UJ	Y
METHYL PARATHION	5400	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	2200	UJ	Y
NITROBENZENE	5400	UJ	Y
N-NITROSODIETHYLAMINE	5400	UJ	Y
N-NITROSODIMETHYLAMINE	5400	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	5400	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	5400	UJ	Y
N-NITROSODIPHENYLAMINE	5400	UJ	Y
N-NITROSOMETHYLETHYLAMINE	5400	UJ	Y
N-NITROSOMORPHOLINE	5400	UJ	Y
N-NITROSOPIPERIDINE	5400	UJ	Y
N-NITROSOPYRROLIDINE	5400	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	5400	UJ	Y
O-TOLUIDINE	5400	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	5400	UJ	Y
PENTACHLOROBENZENE	5400	UJ	Y
PENTACHLOROETHANE	5400	UJ	Y
PENTACHLORONITROBENZENE	5400	UJ	Y
PENTACHLOROPHENOL	5400	UJ	Y
PHENACETIN	5400	UJ	Y
PHENANTHRENE	2200	UJ	Y
PHENOL	5400	UJ	Y
PHORATE	5400	UJ	Y
PRONAMIDE	5400	UJ	Y
PYRIDINE	5400	UJ	Y
SAFROLE	5400	UJ	Y
SULFOTEPP	5400	UJ	Y
THIONAZIN	54000	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-08-00-1106-R
samp_date	11/4/2006
lab_id	0611056-08
qc_type	NM
units	UG/KG
Pct_Solids	18.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PYRENE	700000		

nsample	S1-SD-09-00-1106
samp_date	11/4/2006
lab_id	0611056-09
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	590	UJ	Y
1,2,4-TRICHLOROBENZENE	590	UJ	Y
1,2-DICHLOROBENZENE	590	UJ	Y
1,3,5-TRINITROBENZENE	590	UJ	Y
1,3-DICHLOROBENZENE	590	UJ	Y
1,3-DINITROBENZENE	590	UJ	Y
1,4-DICHLOROBENZENE	590	UJ	Y
1,4-NAPHTHOQUINONE	590	UJ	Y
1,4-PHENYLENEDIAMINE	590	UJ	Y
1-NAPHTHYLAMINE	590	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	590	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	590	UJ	Y
2,4,5-TRICHLOROPHENOL	590	UJ	Y
2,4,6-TRICHLOROPHENOL	590	UJ	Y
2,4-DICHLOROPHENOL	590	UJ	Y
2,4-DIMETHYLPHENOL	590	UJ	Y
2,4-DINITROPHENOL	590	UJ	Y
2,4-DINITROTOLUENE	590	UJ	Y
2,6-DICHLOROPHENOL	590	UJ	Y
2,6-DINITROTOLUENE	590	UJ	Y
2-ACETYLAMINOFLUORENE	590	UJ	Y
2-CHLORONAPHTHALENE	590	UJ	Y
2-CHLOROPHENOL	590	UJ	Y
2-METHYLNAPHTHALENE	240	UJ	Y
2-METHYLPHENOL	590	UJ	Y
2-NAPHTHYLAMINE	590	UJ	Y
2-NITROANILINE	590	UJ	Y
2-NITROPHENOL	590	UJ	Y
2-PICOLINE	590	UJ	Y
3,3'-DICHLOROBENZIDINE	890	UJ	Y
3,3'-DIMETHYLBENZIDINE	590	UJ	Y
3-METHYLCHOLANTHRENE	590	UJ	Y

nsample	S1-SD-09-00-1106
samp_date	11/4/2006
lab_id	0611056-09
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	590	UJ	Y
3-NITROANILINE	590	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	590	UJ	Y
4-AMINOBIPHENYL	590	UJ	Y
4-BROMOPHENYL PHENYL ETHER	590	UJ	Y
4-CHLORO-3-METHYLPHENOL	590	UJ	Y
4-CHLOROANILINE	590	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	590	UJ	Y
4-METHYLPHENOL	590	UJ	Y
4-NITROANILINE	590	UJ	Y
4-NITROPHENOL	590	UJ	Y
4-NITROQUINOLINE-1-OXIDE	590	UR	C
5-NITRO-O-TOLUIDINE	590	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	590	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	590	UJ	Y
ACENAPHTHENE	240	UJ	Y
ACENAPHTHYLENE	410	J	PY
ACETOPHENONE	590	UJ	Y
ANILINE	590	UJ	Y
ANTHRACENE	240	UJ	Y
ARAMITE	590	UJ	Y
BENZO(A)ANTHRACENE	650	J	PY
BENZO(A)PYRENE	1100	J	PY
BENZO(B)FLUORANTHENE	1000	J	PY
BENZO(G,H,I)PERYLENE	510	J	PY
BENZO(K)FLUORANTHENE	1500	J	PY
BENZOIC ACID	590	UJ	Y
BENZYL ALCOHOL	590	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	590	UJ	Y
BIS(2-CHLOROETHYL)ETHER	590	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	590	UJ	Y
BUTYL BENZYL PHTHALATE	590	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-09-00-1106
samp_date	11/4/2006
lab_id	0611056-09
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	590	UJ	Y
CHRYSENE	1300	J	PY
DIALLATE	590	UJ	Y
DIBENZO(A,H)ANTHRACENE	240	UJ	Y
DIBENZOFURAN	590	UJ	Y
DIETHYL PHTHALATE	590	UJ	Y
DIMETHOATE	590	UJ	Y
DIMETHYL PHTHALATE	590	UJ	Y
DI-N-BUTYL PHTHALATE	590	UJ	Y
DI-N-OCTYL PHTHALATE	590	UJ	Y
DINOSEB	590	UJ	Y
DIPHENYLAMINE	590	UJ	Y
DISULFOTON	590	UJ	Y
ETHYL METHANE SULFONATE	590	UJ	Y
ETHYL PARATHION	590	UJ	Y
FAMPHUR	590	UJ	Y
FLUORANTHENE	1300	J	PY
FLUORENE	240	UJ	Y
HEXACHLOROBENZENE	590	UJ	Y
HEXACHLOROBUTADIENE	590	UJ	Y
HEXACHLOROCYCLOPENTADIENE	590	UJ	Y
HEXACHLOROETHANE	590	UJ	Y
HEXACHLOROPHENE	590	UR	C
HEXACHLOROPROPENE	590	UJ	Y
INDENO(1,2,3-CD)PYRENE	240	UJ	Y
ISODRIN	590	UJ	Y
ISOPHORONE	590	UJ	Y
ISOSAFROLE	590	UJ	Y
KEPONE	590	UJ	Y
METHAPYRILENE	590	UJ	Y
METHYL METHANE SULFONATE	590	UJ	Y
METHYL PARATHION	590	UJ	Y

nsample	S1-SD-09-00-1106
samp_date	11/4/2006
lab_id	0611056-09
qc_type	NM
units	UG/KG
Pct_Solids	16.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	240	UJ	Y
NITROBENZENE	590	UJ	Y
N-NITROSODIETHYLAMINE	590	UJ	Y
N-NITROSODIMETHYLAMINE	590	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	590	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	590	UJ	Y
N-NITROSODIPHENYLAMINE	590	UJ	Y
N-NITROSOMETHYLETHYLAMINE	590	UJ	Y
N-NITROSOMORPHOLINE	590	UJ	Y
N-NITROSOPIPERIDINE	590	UJ	Y
N-NITROSOPYRROLIDINE	590	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	590	UJ	Y
O-TOLUIDINE	590	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	590	UJ	Y
PENTACHLOROBENZENE	590	UJ	Y
PENTACHLOROETHANE	590	UJ	Y
PENTACHLORONITROBENZENE	590	UJ	Y
PENTACHLOROPHENOL	590	UJ	Y
PHENACETIN	590	UJ	Y
PHENANTHRENE	290	J	PY
PHENOL	590	UJ	Y
PHORATE	590	UJ	Y
PRONAMIDE	590	UJ	Y
PYRENE	3000	J	Y
PYRIDINE	590	UJ	Y
SAFROLE	590	UJ	Y
SULFOTEPP	590	UJ	Y
THIONAZIN	590	UJ	Y

nsample	S2FD11050601
samp_date	11/5/2006
lab_id	0611056-33
qc_type	NM
units	UG/KG
Pct_Solids	72.0
DUP_OF:	S2-SS-13-00-1106

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	140	U	
1,2,4-TRICHLOROBENZENE	140	U	
1,2-DICHLOROBENZENE	140	U	
1,3,5-TRINITROBENZENE	140	U	
1,3-DICHLOROBENZENE	140	U	
1,3-DINITROBENZENE	140	U	
1,4-DICHLOROBENZENE	140	U	
1,4-NAPHTHOQUINONE	140	U	
1,4-PHENYLENEDIAMINE	140	U	
1-NAPHTHYLAMINE	140	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	140	U	
2,3,4,6-TETRACHLOROPHENOL	140	U	
2,4,5-TRICHLOROPHENOL	140	U	
2,4,6-TRICHLOROPHENOL	140	U	
2,4-DICHLOROPHENOL	140	U	
2,4-DIMETHYLPHENOL	140	U	
2,4-DINITROPHENOL	140	U	
2,4-DINITROTOLUENE	140	U	
2,6-DICHLOROPHENOL	140	U	
2,6-DINITROTOLUENE	140	U	
2-ACETYLAMINOFLUORENE	140	U	
2-CHLORONAPHTHALENE	140	U	
2-CHLOROPHENOL	140	U	
2-METHYLNAPHTHALENE	55	U	
2-METHYLPHENOL	140	U	
2-NAPHTHYLAMINE	140	U	
2-NITROANILINE	140	U	
2-NITROPHENOL	140	U	
2-PICOLINE	140	U	
3,3'-DICHLOROBENZIDINE	200	U	
3,3'-DIMETHYLBENZIDINE	140	U	
3-METHYLCHOLANTHRENE	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2FD11050601
samp_date	11/5/2006
lab_id	0611056-33
qc_type	NM
units	UG/KG
Pct_Solids	72.0
DUP_OF:	S2-SS-13-00-1106

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	140	U	
3-NITROANILINE	140	U	
4,6-DINITRO-2-METHYLPHENOL	140	U	
4-AMINOBIPHENYL	140	U	
4-BROMOPHENYL PHENYL ETHER	140	U	
4-CHLORO-3-METHYLPHENOL	140	U	
4-CHLOROANILINE	140	U	
4-CHLOROPHENYL PHENYL ETHER	140	U	
4-METHYLPHENOL	140	U	
4-NITROANILINE	140	U	
4-NITROPHENOL	140	U	
4-NITROQUINOLINE-1-OXIDE	140	UR	C
5-NITRO-O-TOLUIDINE	140	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	140	U	
A,A-DIMETHYLPHENETHYLAMINE	140	U	
ACENAPHTHENE	55	U	
ACENAPHTHYLENE	55	U	
ACETOPHENONE	140	U	
ANILINE	140	U	
ANTHRACENE	55	U	
ARAMITE	140	U	
BENZO(A)ANTHRACENE	55	U	
BENZO(A)PYRENE	55	U	
BENZO(B)FLUORANTHENE	55	U	
BENZO(G,H,I)PERYLENE	55	U	
BENZO(K)FLUORANTHENE	55	U	
BENZOIC ACID	140	U	
BENZYL ALCOHOL	140	U	
BIS(2-CHLOROETHOXY)METHANE	140	U	
BIS(2-CHLOROETHYL)ETHER	140	U	
BIS(2-ETHYLHEXYL)PHTHALATE	140	U	
BUTYL BENZYL PHTHALATE	140	U	

nsample	S2FD11050601
samp_date	11/5/2006
lab_id	0611056-33
qc_type	NM
units	UG/KG
Pct_Solids	72.0
DUP_OF:	S2-SS-13-00-1106

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	140	U	
CHRYSENE	55	U	
DIALLATE	140	U	
DIBENZO(A,H)ANTHRACENE	55	U	
DIBENZOFURAN	140	U	
DIETHYL PHTHALATE	140	U	
DIMETHOATE	140	U	
DIMETHYL PHTHALATE	140	U	
DI-N-BUTYL PHTHALATE	140	U	
DI-N-OCTYL PHTHALATE	140	U	
DINOSEB	140	U	
DIPHENYLAMINE	140	U	
DISULFOTON	140	U	
ETHYL METHANE SULFONATE	140	U	
ETHYL PARATHION	140	U	
FAMPHUR	140	U	
FLUORANTHENE	55	U	
FLUORENE	55	U	
HEXACHLOROBENZENE	140	U	
HEXACHLOROBUTADIENE	140	U	
HEXACHLOROCYCLOPENTADIENE	140	U	
HEXACHLOROETHANE	140	U	
HEXACHLOROPHENE	140	UR	C
HEXACHLOROPROPENE	140	U	
INDENO(1,2,3-CD)PYRENE	55	U	
ISODRIN	140	U	
ISOPHORONE	140	U	
ISOSAFROLE	140	U	
KEPONE	140	U	
METHAPYRILENE	140	U	
METHYL METHANE SULFONATE	140	U	
METHYL PARATHION	140	U	

nsample	S2FD11050601
samp_date	11/5/2006
lab_id	0611056-33
qc_type	NM
units	UG/KG
Pct_Solids	72.0
DUP_OF:	S2-SS-13-00-1106

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	55	U	
NITROBENZENE	140	U	
N-NITROSODIETHYLAMINE	140	U	
N-NITROSODIMETHYLAMINE	140	U	
N-NITROSO-DI-N-BUTYLAMINE	140	U	
N-NITROSO-DI-N-PROPYLAMINE	140	U	
N-NITROSODIPHENYLAMINE	140	U	
N-NITROSOMETHYLETHYLAMINE	140	U	
N-NITROSOMORPHOLINE	140	U	
N-NITROSOPIPERIDINE	140	U	
N-NITROSOPYRROLIDINE	140	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	140	U	
O-TOLUIDINE	140	U	
P-(DIMETHYLAMINO)AZOBENZENE	140	U	
PENTACHLOROBENZENE	140	U	
PENTACHLOROETHANE	140	U	
PENTACHLORONITROBENZENE	140	U	
PENTACHLOROPHENOL	140	U	
PHENACETIN	140	U	
PHENANTHRENE	55	U	
PHENOL	140	U	
PHORATE	140	U	
PRONAMIDE	140	U	
PYRENE	55	U	
PYRIDINE	140	U	
SAFROLE	140	U	
SULFOTEPP	140	U	
THIONAZIN	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-01-00-1106
samp_date	11/4/2006
lab_id	0611056-11
qc_type	NM
units	UG/KG
Pct_Solids	67.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	150	U	
1,2,4-TRICHLOROBENZENE	150	U	
1,2-DICHLOROBENZENE	150	U	
1,3,5-TRINITROBENZENE	150	U	
1,3-DICHLOROBENZENE	150	U	
1,3-DINITROBENZENE	150	U	
1,4-DICHLOROBENZENE	150	U	
1,4-NAPHTHOQUINONE	150	U	
1,4-PHENYLENEDIAMINE	150	U	
1-NAPHTHYLAMINE	150	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	150	U	
2,3,4,6-TETRACHLOROPHENOL	150	U	
2,4,5-TRICHLOROPHENOL	150	U	
2,4,6-TRICHLOROPHENOL	150	U	
2,4-DICHLOROPHENOL	150	U	
2,4-DIMETHYLPHENOL	150	U	
2,4-DINITROPHENOL	150	U	
2,4-DINITROTOLUENE	150	U	
2,6-DICHLOROPHENOL	150	U	
2,6-DINITROTOLUENE	150	U	
2-ACETYLAMINOFLUORENE	150	U	
2-CHLORONAPHTHALENE	150	U	
2-CHLOROPHENOL	150	U	
2-METHYLNAPHTHALENE	60	U	
2-METHYLPHENOL	150	U	
2-NAPHTHYLAMINE	150	U	
2-NITROANILINE	150	U	
2-NITROPHENOL	150	U	
2-PICOLINE	150	U	
3,3'-DICHLOROBENZIDINE	220	U	
3,3'-DIMETHYLBENZIDINE	150	U	
3-METHYLCHOLANTHRENE	150	U	

nsample	S2-SS-01-00-1106
samp_date	11/4/2006
lab_id	0611056-11
qc_type	NM
units	UG/KG
Pct_Solids	67.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	150	U	
3-NITROANILINE	150	U	
4,6-DINITRO-2-METHYLPHENOL	150	U	
4-AMINOBIPHENYL	150	U	
4-BROMOPHENYL PHENYL ETHER	150	U	
4-CHLORO-3-METHYLPHENOL	150	U	
4-CHLOROANILINE	150	U	
4-CHLOROPHENYL PHENYL ETHER	150	U	
4-METHYLPHENOL	150	U	
4-NITROANILINE	150	U	
4-NITROPHENOL	150	U	
4-NITROQUINOLINE-1-OXIDE	150	UR	C
5-NITRO-O-TOLUIDINE	150	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	150	U	
A,A-DIMETHYLPHENETHYLAMINE	150	U	
ACENAPHTHENE	60	U	
ACENAPHTHYLENE	60	U	
ACETOPHENONE	150	U	
ANILINE	150	U	
ANTHRACENE	60	U	
ARAMITE	150	U	
BENZO(A)ANTHRACENE	60	U	
BENZO(A)PYRENE	97	J	P
BENZO(B)FLUORANTHENE	60	U	
BENZO(G,H,I)PERYLENE	60	U	
BENZO(K)FLUORANTHENE	60	U	
BENZOIC ACID	150	U	
BENZYL ALCOHOL	150	U	
BIS(2-CHLOROETHOXY)METHANE	150	U	
BIS(2-CHLOROETHYL)ETHER	150	U	
BIS(2-ETHYLHEXYL)PHTHALATE	150	U	
BUTYL BENZYL PHTHALATE	150	U	

nsample	S2-SS-01-00-1106
samp_date	11/4/2006
lab_id	0611056-11
qc_type	NM
units	UG/KG
Pct_Solids	67.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	150	U	
CHRYSENE	110	J	P
DIALLATE	150	U	
DIBENZO(A,H)ANTHRACENE	60	U	
DIBENZOFURAN	150	U	
DIETHYL PHTHALATE	150	U	
DIMETHOATE	150	U	
DIMETHYL PHTHALATE	150	U	
DI-N-BUTYL PHTHALATE	150	U	
DI-N-OCTYL PHTHALATE	150	U	
DINOSEB	150	U	
DIPHENYLAMINE	150	U	
DISULFOTON	150	U	
ETHYL METHANE SULFONATE	150	U	
ETHYL PARATHION	150	U	
FAMPHUR	150	U	
FLUORANTHENE	110	J	P
FLUORENE	60	U	
HEXACHLOROBENZENE	150	U	
HEXACHLOROBUTADIENE	150	U	
HEXACHLOROCYCLOPENTADIENE	150	U	
HEXACHLOROETHANE	150	U	
HEXACHLOROPHENE	150	UR	C
HEXACHLOROPROPENE	150	U	
INDENO(1,2,3-CD)PYRENE	60	U	
ISODRIN	150	U	
ISOPHORONE	150	U	
ISOSAFROLE	150	U	
KEPONE	150	U	
METHAPYRILENE	150	U	
METHYL METHANE SULFONATE	150	U	
METHYL PARATHION	150	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-01-00-1106	nsample	S2-SS-02-00-1106	nsample	S2-SS-02-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-11	lab_id	0611056-12	lab_id	0611056-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	67.0	Pct_Solids	81.0	Pct_Solids	81.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	60	U	
NITROBENZENE	150	U	
N-NITROSODIETHYLAMINE	150	U	
N-NITROSODIMETHYLAMINE	150	U	
N-NITROSO-DI-N-BUTYLAMINE	150	U	
N-NITROSO-DI-N-PROPYLAMINE	150	U	
N-NITROSODIPHENYLAMINE	150	U	
N-NITROSOMETHYLETHYLAMINE	150	U	
N-NITROSOMORPHOLINE	150	U	
N-NITROSOPIPERIDINE	150	U	
N-NITROSOPYRROLIDINE	150	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	150	U	
O-TOLUIDINE	150	U	
P-(DIMETHYLAMINO)AZOBENZENE	150	U	
PENTACHLOROBENZENE	150	U	
PENTACHLOROETHANE	150	U	
PENTACHLORONITROBENZENE	150	U	
PENTACHLOROPHENOL	150	U	
PHENACETIN	150	U	
PHENANTHRENE	60	U	
PHENOL	150	U	
PHORATE	150	U	
PRONAMIDE	150	U	
PYRENE	110	J	P
PYRIDINE	150	U	
SAFROLE	150	U	
SULFOTEPP	150	U	
THIONAZIN	150	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	49	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	49	U	
ACENAPHTHYLENE	49	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	49	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	55	J	P
BENZO(A)PYRENE	92	J	P
BENZO(B)FLUORANTHENE	150	J	P
BENZO(G,H,I)PERYLENE	49	U	
BENZO(K)FLUORANTHENE	95	J	P
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-02-00-1106	nsample	S2-SS-02-00-1106	nsample	S2-SS-03-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-12	lab_id	0611056-12	lab_id	0611056-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	81.0	Pct_Solids	66.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	110	J	P
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	49	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	110	J	P
FLUORENE	49	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	UR	C
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	58	J	P
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	49	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	49	U	
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	98	J	P
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	140	U	
1,2,4-TRICHLOROBENZENE	140	U	
1,2-DICHLOROBENZENE	140	U	
1,3,5-TRINITROBENZENE	140	U	
1,3-DICHLOROBENZENE	140	U	
1,3-DINITROBENZENE	140	U	
1,4-DICHLOROBENZENE	140	U	
1,4-NAPHTHOQUINONE	140	U	
1,4-PHENYLENEDIAMINE	140	U	
1-NAPHTHYLAMINE	140	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	140	U	
2,3,4,6-TETRACHLOROPHENOL	140	U	
2,4,5-TRICHLOROPHENOL	140	U	
2,4,6-TRICHLOROPHENOL	140	U	
2,4-DICHLOROPHENOL	140	U	
2,4-DIMETHYLPHENOL	140	U	
2,4-DINITROPHENOL	140	U	
2,4-DINITROTOLUENE	140	U	
2,6-DICHLOROPHENOL	140	U	
2,6-DINITROTOLUENE	140	U	
2-ACETYLAMINOFLUORENE	140	U	
2-CHLORONAPHTHALENE	140	U	
2-CHLOROPHENOL	140	U	
2-METHYLNAPHTHALENE	57	U	
2-METHYLPHENOL	140	U	
2-NAPHTHYLAMINE	140	U	
2-NITROANILINE	140	U	
2-NITROPHENOL	140	U	
2-PICOLINE	140	U	
3,3'-DICHLOROBENZIDINE	210	U	
3,3'-DIMETHYLBENZIDINE	140	U	
3-METHYLCHOLANTHRENE	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-03-00-1106	nsample	S2-SS-03-00-1106	nsample	S2-SS-03-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-13	lab_id	0611056-13	lab_id	0611056-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	66.0	Pct_Solids	66.0	Pct_Solids	66.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	140	U	
3-NITROANILINE	140	U	
4,6-DINITRO-2-METHYLPHENOL	140	U	
4-AMINOBIPHENYL	140	U	
4-BROMOPHENYL PHENYL ETHER	140	U	
4-CHLORO-3-METHYLPHENOL	140	U	
4-CHLOROANILINE	140	U	
4-CHLOROPHENYL PHENYL ETHER	140	U	
4-METHYLPHENOL	140	U	
4-NITROANILINE	140	U	
4-NITROPHENOL	140	U	
4-NITROQUINOLINE-1-OXIDE	140	UR	C
5-NITRO-O-TOLUIDINE	140	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	140	U	
A,A-DIMETHYLPHENETHYLAMINE	140	U	
ACENAPHTHENE	57	U	
ACENAPHTHYLENE	57	U	
ACETOPHENONE	140	U	
ANILINE	140	U	
ANTHRACENE	57	U	
ARAMITE	140	U	
BENZO(A)ANTHRACENE	140	J	P
BENZO(A)PYRENE	210	J	P
BENZO(B)FLUORANTHENE	290	J	P
BENZO(G,H,I)PERYLENE	84	J	P
BENZO(K)FLUORANTHENE	230	J	P
BENZOIC ACID	140	U	
BENZYL ALCOHOL	140	U	
BIS(2-CHLOROETHOXY)METHANE	140	U	
BIS(2-CHLOROETHYL)ETHER	140	U	
BIS(2-ETHYLHEXYL)PHTHALATE	140	U	
BUTYL BENZYL PHTHALATE	140	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	140	U	
CHRYSENE	220	J	P
DIALLATE	140	U	
DIBENZO(A,H)ANTHRACENE	57	U	
DIBENZOFURAN	140	U	
DIETHYL PHTHALATE	140	U	
DIMETHOATE	140	U	
DIMETHYL PHTHALATE	140	U	
DI-N-BUTYL PHTHALATE	140	U	
DI-N-OCTYL PHTHALATE	140	U	
DINOSEB	140	U	
DIPHENYLAMINE	140	U	
DISULFOTON	140	U	
ETHYL METHANE SULFONATE	140	U	
ETHYL PARATHION	140	U	
FAMPHUR	140	U	
FLUORANTHENE	380	J	P
FLUORENE	57	U	
HEXACHLOROBENZENE	140	U	
HEXACHLOROBUTADIENE	140	U	
HEXACHLOROCYCLOPENTADIENE	140	U	
HEXACHLOROETHANE	140	U	
HEXACHLOROPHENE	140	UR	C
HEXACHLOROPROPENE	140	U	
INDENO(1,2,3-CD)PYRENE	130	J	P
ISODRIN	140	U	
ISOPHORONE	140	U	
ISOSAFROLE	140	U	
KEPONE	140	U	
METHAPYRILENE	140	U	
METHYL METHANE SULFONATE	140	U	
METHYL PARATHION	140	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	57	U	
NITROBENZENE	140	U	
N-NITROSODIETHYLAMINE	140	U	
N-NITROSODIMETHYLAMINE	140	U	
N-NITROSO-DI-N-BUTYLAMINE	140	U	
N-NITROSO-DI-N-PROPYLAMINE	140	U	
N-NITROSODIPHENYLAMINE	140	U	
N-NITROSOMETHYLETHYLAMINE	140	U	
N-NITROSOMORPHOLINE	140	U	
N-NITROSOPIPERIDINE	140	U	
N-NITROSOPYRROLIDINE	140	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	140	U	
O-TOLUIDINE	140	U	
P-(DIMETHYLAMINO)AZOBENZENE	140	U	
PENTACHLOROBENZENE	140	U	
PENTACHLOROETHANE	140	U	
PENTACHLORONITROBENZENE	140	U	
PENTACHLOROPHENOL	140	U	
PHENACETIN	140	U	
PHENANTHRENE	200	J	P
PHENOL	140	U	
PHORATE	140	U	
PRONAMIDE	140	U	
PYRENE	270	J	P
PYRIDINE	140	U	
SAFROLE	140	U	
SULFOTEPP	140	U	
THIONAZIN	140	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-04-00-1106	nsample	S2-SS-04-00-1106	nsample	S2-SS-04-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-14	lab_id	0611056-14	lab_id	0611056-14
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	82.0	Pct_Solids	82.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	47	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	47	U	
ACENAPHTHYLENE	47	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	47	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	90	J	P
BENZO(A)PYRENE	190	J	P
BENZO(B)FLUORANTHENE	310	J	P
BENZO(G,H,I)PERYLENE	76	J	P
BENZO(K)FLUORANTHENE	220	J	P
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	500		
BUTYL BENZYL PHTHALATE	220	J	P

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	200	J	P
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	47	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	220	J	P
FLUORENE	47	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	UR	C
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	140	J	P
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-04-00-1106	nsample	S2-SS-05-00-1106	nsample	S2-SS-05-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-14	lab_id	0611056-15	lab_id	0611056-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	82.0	Pct_Solids	65.0	Pct_Solids	65.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	47	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	56	J	P
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	210	J	P
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	150	U	
1,2,4-TRICHLOROBENZENE	150	U	
1,2-DICHLOROBENZENE	150	U	
1,3,5-TRINITROBENZENE	150	U	
1,3-DICHLOROBENZENE	150	U	
1,3-DINITROBENZENE	150	U	
1,4-DICHLOROBENZENE	150	U	
1,4-NAPHTHOQUINONE	150	U	
1,4-PHENYLENEDIAMINE	150	U	
1-NAPHTHYLAMINE	150	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	150	U	
2,3,4,6-TETRACHLOROPHENOL	150	U	
2,4,5-TRICHLOROPHENOL	150	U	
2,4,6-TRICHLOROPHENOL	150	U	
2,4-DICHLOROPHENOL	150	U	
2,4-DIMETHYLPHENOL	150	U	
2,4-DINITROPHENOL	150	U	
2,4-DINITROTOLUENE	150	U	
2,6-DICHLOROPHENOL	150	U	
2,6-DINITROTOLUENE	150	U	
2-ACETYLAMINOFLUORENE	150	U	
2-CHLORONAPHTHALENE	150	U	
2-CHLOROPHENOL	150	U	
2-METHYLNAPHTHALENE	60	U	
2-METHYLPHENOL	150	U	
2-NAPHTHYLAMINE	150	U	
2-NITROANILINE	150	U	
2-NITROPHENOL	150	U	
2-PICOLINE	150	U	
3,3'-DICHLOROBENZIDINE	220	U	
3,3'-DIMETHYLBENZIDINE	150	U	
3-METHYLCHOLANTHRENE	150	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	150	U	
3-NITROANILINE	150	U	
4,6-DINITRO-2-METHYLPHENOL	150	U	
4-AMINOBIPHENYL	150	U	
4-BROMOPHENYL PHENYL ETHER	150	U	
4-CHLORO-3-METHYLPHENOL	150	U	
4-CHLOROANILINE	150	U	
4-CHLOROPHENYL PHENYL ETHER	150	U	
4-METHYLPHENOL	150	U	
4-NITROANILINE	150	U	
4-NITROPHENOL	150	U	
4-NITROQUINOLINE-1-OXIDE	150	UR	C
5-NITRO-O-TOLUIDINE	150	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	150	U	
A,A-DIMETHYLPHENETHYLAMINE	150	U	
ACENAPHTHENE	60	U	
ACENAPHTHYLENE	60	U	
ACETOPHENONE	150	U	
ANILINE	150	U	
ANTHRACENE	60	U	
ARAMITE	150	U	
BENZO(A)ANTHRACENE	230	J	P
BENZO(A)PYRENE	510		
BENZO(B)FLUORANTHENE	970		
BENZO(G,H,I)PERYLENE	190	J	P
BENZO(K)FLUORANTHENE	670		
BENZOIC ACID	150	U	
BENZYL ALCOHOL	150	U	
BIS(2-CHLOROETHOXY)METHANE	150	U	
BIS(2-CHLOROETHYL)ETHER	150	U	
BIS(2-ETHYLHEXYL)PHTHALATE	150	U	
BUTYL BENZYL PHTHALATE	150	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-05-00-1106	nsample	S2-SS-05-00-1106	nsample	S2-SS-06-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/5/2006
lab_id	0611056-15	lab_id	0611056-15	lab_id	0611056-16
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	65.0	Pct_Solids	65.0	Pct_Solids	80.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	150	U	
CHRYSENE	520		
DIALLATE	150	U	
DIBENZO(A,H)ANTHRACENE	60	U	
DIBENZOFURAN	150	U	
DIETHYL PHTHALATE	150	U	
DIMETHOATE	150	U	
DIMETHYL PHTHALATE	150	U	
DI-N-BUTYL PHTHALATE	150	U	
DI-N-OCTYL PHTHALATE	150	U	
DINOSEB	150	U	
DIPHENYLAMINE	150	U	
DISULFOTON	150	U	
ETHYL METHANE SULFONATE	150	U	
ETHYL PARATHION	150	U	
FAMPHUR	150	U	
FLUORANTHENE	620		
FLUORENE	60	U	
HEXACHLOROBENZENE	150	U	
HEXACHLOROBUTADIENE	150	U	
HEXACHLOROCYCLOPENTADIENE	150	U	
HEXACHLOROETHANE	150	U	
HEXACHLOROPHENE	150	UR	C
HEXACHLOROPROPENE	150	U	
INDENO(1,2,3-CD)PYRENE	300	J	P
ISODRIN	150	U	
ISOPHORONE	150	U	
ISOSAFROLE	150	U	
KEPONE	150	U	
METHAPYRILENE	150	U	
METHYL METHANE SULFONATE	150	U	
METHYL PARATHION	150	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	60	U	
NITROBENZENE	150	U	
N-NITROSODIETHYLAMINE	150	U	
N-NITROSODIMETHYLAMINE	150	U	
N-NITROSO-DI-N-BUTYLAMINE	150	U	
N-NITROSO-DI-N-PROPYLAMINE	150	U	
N-NITROSODIPHENYLAMINE	150	U	
N-NITROSOMETHYLETHYLAMINE	150	U	
N-NITROSOMORPHOLINE	150	U	
N-NITROSOPIPERIDINE	150	U	
N-NITROSOPYRROLIDINE	150	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	150	U	
O-TOLUIDINE	150	U	
P-(DIMETHYLAMINO)AZOBENZENE	150	U	
PENTACHLOROBENZENE	150	U	
PENTACHLOROETHANE	150	U	
PENTACHLORONITROBENZENE	150	U	
PENTACHLOROPHENOL	150	U	
PHENACETIN	150	U	
PHENANTHRENE	140	J	P
PHENOL	150	U	
PHORATE	150	U	
PRONAMIDE	150	U	
PYRENE	460	J	P
PYRIDINE	150	U	
SAFROLE	150	U	
SULFOTEPP	150	U	
THIONAZIN	150	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	49	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-06-00-1106
samp_date	11/5/2006
lab_id	0611056-16
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	49	U	
ACENAPHTHYLENE	49	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	49	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	490		
BENZO(A)PYRENE	920		
BENZO(B)FLUORANTHENE	1400		
BENZO(G,H,I)PERYLENE	380	J	P
BENZO(K)FLUORANTHENE	1100		
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

nsample	S2-SS-06-00-1106
samp_date	11/5/2006
lab_id	0611056-16
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	1100		
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	140	J	P
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	1100		
FLUORENE	49	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	UR	C
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	590		
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

nsample	S2-SS-06-00-1106
samp_date	11/5/2006
lab_id	0611056-16
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	49	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	220	J	P
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	920		
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-07-00-1106	nsample	S2-SS-07-00-1106	nsample	S2-SS-07-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-17	lab_id	0611056-17	lab_id	0611056-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	35.0	Pct_Solids	35.0	Pct_Solids	35.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	280	U	
1,2,4-TRICHLOROBENZENE	280	U	
1,2-DICHLOROBENZENE	280	U	
1,3,5-TRINITROBENZENE	280	U	
1,3-DICHLOROBENZENE	280	U	
1,3-DINITROBENZENE	280	U	
1,4-DICHLOROBENZENE	280	U	
1,4-NAPHTHOQUINONE	280	U	
1,4-PHENYLENEDIAMINE	280	U	
1-NAPHTHYLAMINE	280	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	280	U	
2,3,4,6-TETRACHLOROPHENOL	280	U	
2,4,5-TRICHLOROPHENOL	280	U	
2,4,6-TRICHLOROPHENOL	280	U	
2,4-DICHLOROPHENOL	280	U	
2,4-DIMETHYLPHENOL	280	U	
2,4-DINITROPHENOL	280	U	
2,4-DINITROTOLUENE	280	U	
2,6-DICHLOROPHENOL	280	U	
2,6-DINITROTOLUENE	280	U	
2-ACETYLAMINOFLUORENE	280	U	
2-CHLORONAPHTHALENE	280	U	
2-CHLOROPHENOL	280	U	
2-METHYLNAPHTHALENE	110	U	
2-METHYLPHENOL	280	U	
2-NAPHTHYLAMINE	280	U	
2-NITROANILINE	280	U	
2-NITROPHENOL	280	U	
2-PICOLINE	280	U	
3,3'-DICHLOROBENZIDINE	430	U	
3,3'-DIMETHYLBENZIDINE	280	U	
3-METHYLCHOLANTHRENE	280	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	280	U	
3-NITROANILINE	280	U	
4,6-DINITRO-2-METHYLPHENOL	280	U	
4-AMINOBIPHENYL	280	U	
4-BROMOPHENYL PHENYL ETHER	280	U	
4-CHLORO-3-METHYLPHENOL	280	U	
4-CHLOROANILINE	280	U	
4-CHLOROPHENYL PHENYL ETHER	280	U	
4-METHYLPHENOL	280	U	
4-NITROANILINE	280	U	
4-NITROPHENOL	280	U	
4-NITROQUINOLINE-1-OXIDE	280	UR	C
5-NITRO-O-TOLUIDINE	280	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	280	U	
A,A-DIMETHYLPHENETHYLAMINE	280	U	
ACENAPHTHENE	110	U	
ACENAPHTHYLENE	110	U	
ACETOPHENONE	280	U	
ANILINE	280	U	
ANTHRACENE	200	J	P
ARAMITE	280	U	
BENZO(A)ANTHRACENE	3800		
BENZO(A)PYRENE	5800		
BENZO(B)FLUORANTHENE	8200		
BENZO(G,H,I)PERYLENE	3600		
BENZO(K)FLUORANTHENE	5500		
BENZOIC ACID	960	J	P
BENZYL ALCOHOL	280	U	
BIS(2-CHLOROETHOXY)METHANE	280	U	
BIS(2-CHLOROETHYL)ETHER	280	U	
BIS(2-ETHYLHEXYL)PHTHALATE	280	U	
BUTYL BENZYL PHTHALATE	280	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	280	U	
CHRYSENE	6900		
DIALLATE	280	U	
DIBENZO(A,H)ANTHRACENE	1200		
DIBENZOFURAN	280	U	
DIETHYL PHTHALATE	280	U	
DIMETHOATE	280	U	
DIMETHYL PHTHALATE	280	U	
DI-N-BUTYL PHTHALATE	280	U	
DI-N-OCTYL PHTHALATE	280	U	
DINOSEB	280	U	
DIPHENYLAMINE	280	U	
DISULFOTON	280	U	
ETHYL METHANE SULFONATE	280	U	
ETHYL PARATHION	280	U	
FAMPHUR	280	U	
FLUORANTHENE	8600		
FLUORENE	110	U	
HEXACHLOROBENZENE	280	U	
HEXACHLOROBUTADIENE	280	U	
HEXACHLOROCYCLOPENTADIENE	280	U	
HEXACHLOROETHANE	280	U	
HEXACHLOROPHENE	280	U	
HEXACHLOROPROPENE	280	U	
INDENO(1,2,3-CD)PYRENE	4700		
ISODRIN	280	U	
ISOPHORONE	280	U	
ISOSAFROLE	280	U	
KEPONE	280	U	
METHAPYRILENE	280	U	
METHYL METHANE SULFONATE	280	U	
METHYL PARATHION	280	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-07-00-1106	nsample	S2-SS-08-00-1106	nsample	S2-SS-08-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-17	lab_id	0611056-18	lab_id	0611056-18
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	35.0	Pct_Solids	55.0	Pct_Solids	55.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	110	U	
NITROBENZENE	280	U	
N-NITROSODIETHYLAMINE	280	U	
N-NITROSODIMETHYLAMINE	280	U	
N-NITROSO-DI-N-BUTYLAMINE	280	U	
N-NITROSO-DI-N-PROPYLAMINE	280	U	
N-NITROSODIPHENYLAMINE	280	U	
N-NITROSOMETHYLETHYLAMINE	280	U	
N-NITROSOMORPHOLINE	280	U	
N-NITROSOPIPERIDINE	280	U	
N-NITROSOPYRROLIDINE	280	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	280	U	
O-TOLUIDINE	280	U	
P-(DIMETHYLAMINO)AZOBENZENE	280	U	
PENTACHLOROBENZENE	280	U	
PENTACHLOROETHANE	280	U	
PENTACHLORONITROBENZENE	280	U	
PENTACHLOROPHENOL	280	U	
PHENACETIN	280	U	
PHENANTHRENE	3100		
PHENOL	280	U	
PHORATE	280	U	
PRONAMIDE	280	U	
PYRENE	7500		
PYRIDINE	280	U	
SAFROLE	280	U	
SULFOTEPP	280	U	
THIONAZIN	280	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	170	U	
1,2,4-TRICHLOROBENZENE	170	U	
1,2-DICHLOROBENZENE	170	U	
1,3,5-TRINITROBENZENE	170	U	
1,3-DICHLOROBENZENE	170	U	
1,3-DINITROBENZENE	170	U	
1,4-DICHLOROBENZENE	170	U	
1,4-NAPHTHOQUINONE	170	U	
1,4-PHENYLENEDIAMINE	170	U	
1-NAPHTHYLAMINE	170	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	170	U	
2,3,4,6-TETRACHLOROPHENOL	170	U	
2,4,5-TRICHLOROPHENOL	170	U	
2,4,6-TRICHLOROPHENOL	170	U	
2,4-DICHLOROPHENOL	170	U	
2,4-DIMETHYLPHENOL	170	U	
2,4-DINITROPHENOL	170	U	
2,4-DINITROTOLUENE	170	U	
2,6-DICHLOROPHENOL	170	U	
2,6-DINITROTOLUENE	170	U	
2-ACETYLAMINOFLUORENE	170	U	
2-CHLORONAPHTHALENE	170	U	
2-CHLOROPHENOL	170	U	
2-METHYLNAPHTHALENE	70	U	
2-METHYLPHENOL	170	U	
2-NAPHTHYLAMINE	170	U	
2-NITROANILINE	170	U	
2-NITROPHENOL	170	U	
2-PICOLINE	170	U	
3,3'-DICHLOROBENZIDINE	260	U	
3,3'-DIMETHYLBENZIDINE	170	U	
3-METHYLCHOLANTHRENE	170	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	170	U	
3-NITROANILINE	170	U	
4,6-DINITRO-2-METHYLPHENOL	170	U	
4-AMINOBIPHENYL	170	U	
4-BROMOPHENYL PHENYL ETHER	170	U	
4-CHLORO-3-METHYLPHENOL	170	U	
4-CHLOROANILINE	170	U	
4-CHLOROPHENYL PHENYL ETHER	170	U	
4-METHYLPHENOL	170	U	
4-NITROANILINE	170	U	
4-NITROPHENOL	170	U	
4-NITROQUINOLINE-1-OXIDE	170	UR	C
5-NITRO-O-TOLUIDINE	170	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	170	U	
A,A-DIMETHYLPHENETHYLAMINE	170	U	
ACENAPHTHENE	70	U	
ACENAPHTHYLENE	70	U	
ACETOPHENONE	170	U	
ANILINE	170	U	
ANTHRACENE	70	U	
ARAMITE	170	U	
BENZO(A)ANTHRACENE	440	J	P
BENZO(A)PYRENE	880		
BENZO(B)FLUORANTHENE	1500		
BENZO(G,H,I)PERYLENE	1100		
BENZO(K)FLUORANTHENE	960		
BENZOIC ACID	170	U	
BENZYL ALCOHOL	170	U	
BIS(2-CHLOROETHOXY)METHANE	170	U	
BIS(2-CHLOROETHYL)ETHER	170	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	170	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-08-00-1106	nsample	S2-SS-08-00-1106	nsample	S2-SS-09-00-1106-R
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-18	lab_id	0611056-18	lab_id	0611056-19
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	55.0	Pct_Solids	55.0	Pct_Solids	58.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	170	U	
CHRYSENE	870		
DIALLATE	170	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	170	U	
DIETHYL PHTHALATE	170	U	
DIMETHOATE	170	U	
DIMETHYL PHTHALATE	170	U	
DI-N-BUTYL PHTHALATE	170	U	
DI-N-OCTYL PHTHALATE	170	U	
DINOSEB	170	U	
DIPHENYLAMINE	170	U	
DISULFOTON	170	U	
ETHYL METHANE SULFONATE	170	U	
ETHYL PARATHION	170	U	
FAMPHUR	170	U	
FLUORANTHENE	590		
FLUORENE	70	U	
HEXACHLOROBENZENE	170	U	
HEXACHLOROBUTADIENE	170	U	
HEXACHLOROCYCLOPENTADIENE	170	U	
HEXACHLOROETHANE	170	U	
HEXACHLOROPHENE	170	UR	C
HEXACHLOROPROPENE	170	U	
INDENO(1,2,3-CD)PYRENE	1400		
ISODRIN	170	U	
ISOPHORONE	170	U	
ISOSAFROLE	170	U	
KEPONE	170	U	
METHAPYRILENE	170	U	
METHYL METHANE SULFONATE	170	U	
METHYL PARATHION	170	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	70	U	
NITROBENZENE	170	U	
N-NITROSODIETHYLAMINE	170	U	
N-NITROSODIMETHYLAMINE	170	U	
N-NITROSO-DI-N-BUTYLAMINE	170	U	
N-NITROSO-DI-N-PROPYLAMINE	170	U	
N-NITROSODIPHENYLAMINE	170	U	
N-NITROSOMETHYLETHYLAMINE	170	U	
N-NITROSOMORPHOLINE	170	U	
N-NITROSOPIPERIDINE	170	U	
N-NITROSOPYRROLIDINE	170	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	170	U	
O-TOLUIDINE	170	U	
P-(DIMETHYLAMINO)AZOBENZENE	170	U	
PENTACHLOROBENZENE	170	U	
PENTACHLOROETHANE	170	U	
PENTACHLORONITROBENZENE	170	U	
PENTACHLOROPHENOL	170	U	
PHENACETIN	170	U	
PHENANTHRENE	150	J	P
PHENOL	170	U	
PHORATE	170	U	
PRONAMIDE	170	U	
PYRENE	1000		
PYRIDINE	170	U	
SAFROLE	170	U	
SULFOTEPP	170	U	
THIONAZIN	170	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	170	U	
1,2,4-TRICHLOROBENZENE	170	U	
1,2-DICHLOROBENZENE	170	U	
1,3,5-TRINITROBENZENE	170	U	
1,3-DICHLOROBENZENE	170	U	
1,3-DINITROBENZENE	170	U	
1,4-DICHLOROBENZENE	170	U	
1,4-NAPHTHOQUINONE	170	U	
1,4-PHENYLENEDIAMINE	170	U	
1-NAPHTHYLAMINE	170	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	170	U	
2,3,4,6-TETRACHLOROPHENOL	170	U	
2,4,5-TRICHLOROPHENOL	170	U	
2,4,6-TRICHLOROPHENOL	170	U	
2,4-DICHLOROPHENOL	170	U	
2,4-DIMETHYLPHENOL	170	U	
2,4-DINITROPHENOL	170	U	
2,4-DINITROTOLUENE	170	U	
2,6-DICHLOROPHENOL	170	U	
2,6-DINITROTOLUENE	170	U	
2-ACETYLAMINOFLUORENE	170	U	
2-CHLORONAPHTHALENE	170	U	
2-CHLOROPHENOL	170	U	
2-METHYLNAPHTHALENE	68	U	
2-METHYLPHENOL	170	U	
2-NAPHTHYLAMINE	170	U	
2-NITROANILINE	170	U	
2-NITROPHENOL	170	U	
2-PICOLINE	170	U	
3,3'-DICHLOROBENZIDINE	260	U	
3,3'-DIMETHYLBENZIDINE	170	U	
3-METHYLCHOLANTHRENE	170	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-09-00-1106-R
samp_date	11/5/2006
lab_id	0611056-19
qc_type	NM
units	UG/KG
Pct_Solids	58.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	170	U	
3-NITROANILINE	170	U	
4,6-DINITRO-2-METHYLPHENOL	170	U	
4-AMINOBIPHENYL	170	U	
4-BROMOPHENYL PHENYL ETHER	170	U	
4-CHLORO-3-METHYLPHENOL	170	U	
4-CHLOROANILINE	170	U	
4-CHLOROPHENYL PHENYL ETHER	170	U	
4-METHYLPHENOL	170	U	
4-NITROANILINE	170	U	
4-NITROPHENOL	170	U	
4-NITROQUINOLINE-1-OXIDE	170	UR	C
5-NITRO-O-TOLUIDINE	170	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	170	U	
A,A-DIMETHYLPHENETHYLAMINE	170	U	
ACENAPHTHENE	68	U	
ACENAPHTHYLENE	68	U	
ACETOPHENONE	170	U	
ANILINE	170	U	
ANTHRACENE	96	U	
ARAMITE	170	U	
BENZO(A)ANTHRACENE	1700	J	P
BENZO(A)PYRENE	4100	J	P
BENZO(B)FLUORANTHENE	4300	J	P
BENZO(G,H,I)PERYLENE	2500	J	P
BENZO(K)FLUORANTHENE	3500	J	P
BENZOIC ACID	170	U	
BENZYL ALCOHOL	170	U	
BIS(2-CHLOROETHOXY)METHANE	170	U	
BIS(2-CHLOROETHYL)ETHER	170	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1800	U	
BUTYL BENZYL PHTHALATE	590	U	

nsample	S2-SS-09-00-1106-R
samp_date	11/5/2006
lab_id	0611056-19
qc_type	NM
units	UG/KG
Pct_Solids	58.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	170	U	
CHRYSENE	2700	J	P
DIALLATE	170	U	
DIBENZO(A,H)ANTHRACENE	870	U	
DIBENZOFURAN	170	U	
DIETHYL PHTHALATE	170	U	
DIMETHOATE	170	U	
DIMETHYL PHTHALATE	170	U	
DI-N-BUTYL PHTHALATE	170	U	
DI-N-OCTYL PHTHALATE	170	U	
DINOSEB	170	U	
DIPHENYLAMINE	170	UR	C
DISULFOTON	170	U	
ETHYL METHANE SULFONATE	170	U	
ETHYL PARATHION	170	U	
FAMPHUR	170	U	
FLUORANTHENE	1800	J	P
FLUORENE	68	U	
HEXACHLOROBENZENE	170	U	
HEXACHLOROBUTADIENE	170	U	
HEXACHLOROCYCLOPENTADIENE	170	U	
HEXACHLOROETHANE	170	U	
HEXACHLOROPHENE	170	U	
HEXACHLOROPROPENE	170	U	
INDENO(1,2,3-CD)PYRENE	3300	J	P
ISODRIN	170	U	
ISOPHORONE	170	U	
ISOSAFROLE	170	U	
KEPONE	170	U	
METHAPYRILENE	170	U	
METHYL METHANE SULFONATE	170	U	
METHYL PARATHION	170	U	

nsample	S2-SS-09-00-1106-R
samp_date	11/5/2006
lab_id	0611056-19
qc_type	NM
units	UG/KG
Pct_Solids	58.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	68	U	
NITROBENZENE	170	U	
N-NITROSODIETHYLAMINE	170	U	
N-NITROSODIMETHYLAMINE	170	U	
N-NITROSO-DI-N-BUTYLAMINE	170	U	
N-NITROSO-DI-N-PROPYLAMINE	170	U	
N-NITROSODIPHENYLAMINE	170	U	
N-NITROSOMETHYLETHYLAMINE	170	U	
N-NITROSOMORPHOLINE	170	U	
N-NITROSOPIPERIDINE	170	U	
N-NITROSOPYRROLIDINE	170	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	170	U	
O-TOLUIDINE	170	U	
P-(DIMETHYLAMINO)AZOBENZENE	170	U	
PENTACHLOROBENZENE	170	U	
PENTACHLOROETHANE	170	U	
PENTACHLORONITROBENZENE	170	U	
PENTACHLOROPHENOL	170	U	
PHENACETIN	170	U	
PHENANTHRENE	360	U	
PHENOL	170	U	
PHORATE	170	U	
PRONAMIDE	170	U	
PYRENE	2200	J	P
PYRIDINE	170	U	
SAFROLE	170	U	
SULFOTEPP	170	U	
THIONAZIN	170	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-10-00-1106	nsample	S2-SS-10-00-1106	nsample	S2-SS-10-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-20	lab_id	0611056-20	lab_id	0611056-20
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	82.0	Pct_Solids	82.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	47	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	47	U	
ACENAPHTHYLENE	47	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	47	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	230	J	P
BENZO(A)PYRENE	450		
BENZO(B)FLUORANTHENE	650		
BENZO(G,H,I)PERYLENE	220	J	P
BENZO(K)FLUORANTHENE	390	J	P
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	310	J	P
BUTYL BENZYL PHTHALATE	120	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	470		
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	47	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	340	J	P
FLUORENE	47	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	U	
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	350	J	P
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-10-00-1106
samp_date	11/5/2006
lab_id	0611056-20
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	47	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	59	J	P
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	270	J	P
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

nsample	S2-SS-11-00-1106
samp_date	11/5/2006
lab_id	0611056-21
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	48	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

nsample	S2-SS-11-00-1106
samp_date	11/5/2006
lab_id	0611056-21
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	48	U	
ACENAPHTHYLENE	48	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	48	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	48	U	
BENZO(A)PYRENE	48	U	
BENZO(B)FLUORANTHENE	48	U	
BENZO(G,H,I)PERYLENE	48	U	
BENZO(K)FLUORANTHENE	48	U	
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-11-00-1106	nsample	S2-SS-11-00-1106	nsample	S2-SS-12-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-21	lab_id	0611056-21	lab_id	0611056-22
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	83.0	Pct_Solids	83.0	Pct_Solids	86.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	48	U	
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	48	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	48	U	
FLUORENE	48	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	U	
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	48	U	
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	48	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	48	U	
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	48	U	
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	110	U	
1,2,4-TRICHLOROBENZENE	110	U	
1,2-DICHLOROBENZENE	110	U	
1,3,5-TRINITROBENZENE	110	U	
1,3-DICHLOROBENZENE	110	U	
1,3-DINITROBENZENE	110	U	
1,4-DICHLOROBENZENE	110	U	
1,4-NAPHTHOQUINONE	110	U	
1,4-PHENYLENEDIAMINE	110	U	
1-NAPHTHYLAMINE	110	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	110	U	
2,3,4,6-TETRACHLOROPHENOL	110	U	
2,4,5-TRICHLOROPHENOL	110	U	
2,4,6-TRICHLOROPHENOL	110	U	
2,4-DICHLOROPHENOL	110	U	
2,4-DIMETHYLPHENOL	110	U	
2,4-DINITROPHENOL	110	U	
2,4-DINITROTOLUENE	110	U	
2,6-DICHLOROPHENOL	110	U	
2,6-DINITROTOLUENE	110	U	
2-ACETYLAMINOFLUORENE	110	U	
2-CHLORONAPHTHALENE	110	U	
2-CHLOROPHENOL	110	U	
2-METHYLNAPHTHALENE	45	U	
2-METHYLPHENOL	110	U	
2-NAPHTHYLAMINE	110	U	
2-NITROANILINE	110	U	
2-NITROPHENOL	110	U	
2-PICOLINE	110	U	
3,3'-DICHLOROBENZIDINE	170	U	
3,3'-DIMETHYLBENZIDINE	110	U	
3-METHYLCHOLANTHRENE	110	U	

nsample	S2-SS-12-00-1106	nsample	S2-SS-12-00-1106	nsample	S2-SS-12-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-22	lab_id	0611056-22	lab_id	0611056-22
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	86.0	Pct_Solids	86.0	Pct_Solids	86.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	110	U	
3-NITROANILINE	110	U	
4,6-DINITRO-2-METHYLPHENOL	110	U	
4-AMINOBIPHENYL	110	U	
4-BROMOPHENYL PHENYL ETHER	110	U	
4-CHLORO-3-METHYLPHENOL	110	U	
4-CHLOROANILINE	110	U	
4-CHLOROPHENYL PHENYL ETHER	110	U	
4-METHYLPHENOL	110	U	
4-NITROANILINE	110	U	
4-NITROPHENOL	110	U	
4-NITROQUINOLINE-1-OXIDE	110	UR	C
5-NITRO-O-TOLUIDINE	110	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	110	U	
A,A-DIMETHYLPHENETHYLAMINE	110	U	
ACENAPHTHENE	45	U	
ACENAPHTHYLENE	45	U	
ACETOPHENONE	110	U	
ANILINE	110	U	
ANTHRACENE	45	U	
ARAMITE	110	U	
BENZO(A)ANTHRACENE	45	U	
BENZO(A)PYRENE	45	U	
BENZO(B)FLUORANTHENE	57	+J	P
BENZO(G,H,I)PERYLENE	45	U	
BENZO(K)FLUORANTHENE	58	+J	P
BENZOIC ACID	110	U	
BENZYL ALCOHOL	110	U	
BIS(2-CHLOROETHOXY)METHANE	110	U	
BIS(2-CHLOROETHYL)ETHER	110	U	
BIS(2-ETHYLHEXYL)PHTHALATE	110	U	
BUTYL BENZYL PHTHALATE	110	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	110	U	
CHRYSENE	49	J	P
DIALLATE	110	U	
DIBENZO(A,H)ANTHRACENE	45	U	
DIBENZOFURAN	110	U	
DIETHYL PHTHALATE	110	U	
DIMETHOATE	110	U	
DIMETHYL PHTHALATE	110	U	
DI-N-BUTYL PHTHALATE	110	U	
DI-N-OCTYL PHTHALATE	110	U	
DINOSEB	110	U	
DIPHENYLAMINE	110	U	
DISULFOTON	110	U	
ETHYL METHANE SULFONATE	110	U	
ETHYL PARATHION	110	U	
FAMPHUR	110	U	
FLUORANTHENE	56	J	P
FLUORENE	45	U	
HEXACHLOROBENZENE	110	U	
HEXACHLOROBUTADIENE	110	U	
HEXACHLOROCYCLOPENTADIENE	110	U	
HEXACHLOROETHANE	110	U	
HEXACHLOROPHENE	110	U	
HEXACHLOROPROPENE	110	U	
INDENO(1,2,3-CD)PYRENE	45	U	
ISODRIN	110	U	
ISOPHORONE	110	U	
ISOSAFROLE	110	U	
KEPONE	110	U	
METHAPYRILENE	110	U	
METHYL METHANE SULFONATE	110	U	
METHYL PARATHION	110	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	45	U	
NITROBENZENE	110	U	
N-NITROSODIETHYLAMINE	110	U	
N-NITROSODIMETHYLAMINE	110	U	
N-NITROSO-DI-N-BUTYLAMINE	110	U	
N-NITROSO-DI-N-PROPYLAMINE	110	U	
N-NITROSODIPHENYLAMINE	110	U	
N-NITROSOMETHYLETHYLAMINE	110	U	
N-NITROSOMORPHOLINE	110	U	
N-NITROSOPIPERIDINE	110	U	
N-NITROSOPYRROLIDINE	110	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	110	U	
O-TOLUIDINE	110	U	
P-(DIMETHYLAMINO)AZOBENZENE	110	U	
PENTACHLOROBENZENE	110	U	
PENTACHLOROETHANE	110	U	
PENTACHLORONITROBENZENE	110	U	
PENTACHLOROPHENOL	110	U	
PHENACETIN	110	U	
PHENANTHRENE	45	U	
PHENOL	110	U	
PHORATE	110	U	
PRONAMIDE	110	U	
PYRENE	45	U	
PYRIDINE	110	U	
SAFROLE	110	U	
SULFOTEPP	110	U	
THIONAZIN	110	U	

1-19-07 JAS

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-13-00-1106
samp_date	11/5/2006
lab_id	0611056-23
qc_type	NM
units	UG/KG
Pct_Solids	71.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	130	U	
1,2,4-TRICHLOROBENZENE	130	U	
1,2-DICHLOROBENZENE	130	U	
1,3,5-TRINITROBENZENE	130	U	
1,3-DICHLOROBENZENE	130	U	
1,3-DINITROBENZENE	130	U	
1,4-DICHLOROBENZENE	130	U	
1,4-NAPHTHOQUINONE	130	U	
1,4-PHENYLENEDIAMINE	130	U	
1-NAPHTHYLAMINE	130	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	130	U	
2,3,4,6-TETRACHLOROPHENOL	130	U	
2,4,5-TRICHLOROPHENOL	130	U	
2,4,6-TRICHLOROPHENOL	130	U	
2,4-DICHLOROPHENOL	130	U	
2,4-DIMETHYLPHENOL	130	U	
2,4-DINITROPHENOL	130	U	
2,4-DINITROTOLUENE	130	U	
2,6-DICHLOROPHENOL	130	U	
2,6-DINITROTOLUENE	130	U	
2-ACETYLAMINOFLUORENE	130	U	
2-CHLORONAPHTHALENE	130	U	
2-CHLOROPHENOL	130	U	
2-METHYLNAPHTHALENE	54	U	
2-METHYLPHENOL	130	U	
2-NAPHTHYLAMINE	130	U	
2-NITROANILINE	130	U	
2-NITROPHENOL	130	U	
2-PICOLINE	130	U	
3,3'-DICHLOROBENZIDINE	200	U	
3,3'-DIMETHYLBENZIDINE	130	U	
3-METHYLCHOLANTHRENE	130	U	

nsample	S2-SS-13-00-1106
samp_date	11/5/2006
lab_id	0611056-23
qc_type	NM
units	UG/KG
Pct_Solids	71.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	130	U	
3-NITROANILINE	130	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	
4-AMINOBIPHENYL	130	U	
4-BROMOPHENYL PHENYL ETHER	130	U	
4-CHLORO-3-METHYLPHENOL	130	U	
4-CHLOROANILINE	130	U	
4-CHLOROPHENYL PHENYL ETHER	130	U	
4-METHYLPHENOL	130	U	
4-NITROANILINE	130	U	
4-NITROPHENOL	130	U	
4-NITROQUINOLINE-1-OXIDE	130	UR	C
5-NITRO-O-TOLUIDINE	130	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	130	U	
A,A-DIMETHYLPHENETHYLAMINE	130	U	
ACENAPHTHENE	54	U	
ACENAPHTHYLENE	54	U	
ACETOPHENONE	130	U	
ANILINE	130	U	
ANTHRACENE	54	U	
ARAMITE	130	U	
BENZO(A)ANTHRACENE	54	U	
BENZO(A)PYRENE	54	U	
BENZO(B)FLUORANTHENE	54	U	
BENZO(G,H,I)PERYLENE	54	U	
BENZO(K)FLUORANTHENE	54	U	
BENZOIC ACID	130	U	
BENZYL ALCOHOL	130	U	
BIS(2-CHLOROETHOXY)METHANE	130	U	
BIS(2-CHLOROETHYL)ETHER	130	U	
BIS(2-ETHYLHEXYL)PHTHALATE	130	U	
BUTYL BENZYL PHTHALATE	130	U	

nsample	S2-SS-13-00-1106
samp_date	11/5/2006
lab_id	0611056-23
qc_type	NM
units	UG/KG
Pct_Solids	71.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	130	U	
CHRYSENE	54	U	
DIALLATE	130	U	
DIBENZO(A,H)ANTHRACENE	54	U	
DIBENZOFURAN	130	U	
DIETHYL PHTHALATE	130	U	
DIMETHOATE	130	U	
DIMETHYL PHTHALATE	130	U	
DI-N-BUTYL PHTHALATE	130	U	
DI-N-OCTYL PHTHALATE	130	U	
DINOSEB	130	U	
DIPHENYLAMINE	130	U	
DISULFOTON	130	U	
ETHYL METHANE SULFONATE	130	U	
ETHYL PARATHION	130	U	
FAMPHUR	130	U	
FLUORANTHENE	54	U	
FLUORENE	54	U	
HEXACHLOROBENZENE	130	U	
HEXACHLOROBUTADIENE	130	U	
HEXACHLOROCYCLOPENTADIENE	130	U	
HEXACHLOROETHANE	130	U	
HEXACHLOROPHENE	130	U	
HEXACHLOROPROPENE	130	U	
INDENO(1,2,3-CD)PYRENE	54	U	
ISODRIN	130	U	
ISOPHORONE	130	U	
ISOSAFROLE	130	U	
KEPONE	130	U	
METHAPYRILENE	130	U	
METHYL METHANE SULFONATE	130	U	
METHYL PARATHION	130	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-13-00-1106	nsample	S2-SS-14-00-1106	nsample	S2-SS-14-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-23	lab_id	0611056-24	lab_id	0611056-24
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	71.0	Pct_Solids	64.0	Pct_Solids	64.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	54	U	
NITROBENZENE	130	U	
N-NITROSODIETHYLAMINE	130	U	
N-NITROSODIMETHYLAMINE	130	U	
N-NITROSO-DI-N-BUTYLAMINE	130	U	
N-NITROSO-DI-N-PROPYLAMINE	130	U	
N-NITROSODIPHENYLAMINE	130	U	
N-NITROSOMETHYLETHYLAMINE	130	U	
N-NITROSOMORPHOLINE	130	U	
N-NITROSOPIPERIDINE	130	U	
N-NITROSOPYRROLIDINE	130	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	130	U	
O-TOLUIDINE	130	U	
P-(DIMETHYLAMINO)AZOBENZENE	130	U	
PENTACHLOROBENZENE	130	U	
PENTACHLOROETHANE	130	U	
PENTACHLORONITROBENZENE	130	U	
PENTACHLOROPHENOL	130	U	
PHENACETIN	130	U	
PHENANTHRENE	54	U	
PHENOL	130	U	
PHORATE	130	U	
PRONAMIDE	130	U	
PYRENE	54	U	
PYRIDINE	130	U	
SAFROLE	130	U	
SULFOTEPP	130	U	
THIONAZIN	130	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	150	U	
1,2,4-TRICHLOROBENZENE	150	U	
1,2-DICHLOROBENZENE	150	U	
1,3,5-TRINITROBENZENE	150	U	
1,3-DICHLOROBENZENE	150	U	
1,3-DINITROBENZENE	150	U	
1,4-DICHLOROBENZENE	150	U	
1,4-NAPHTHOQUINONE	150	U	
1,4-PHENYLENEDIAMINE	150	U	
1-NAPHTHYLAMINE	150	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	150	U	
2,3,4,6-TETRACHLOROPHENOL	150	U	
2,4,5-TRICHLOROPHENOL	150	U	
2,4,6-TRICHLOROPHENOL	150	U	
2,4-DICHLOROPHENOL	150	U	
2,4-DIMETHYLPHENOL	150	U	
2,4-DINITROPHENOL	150	U	
2,4-DINITROTOLUENE	150	U	
2,6-DICHLOROPHENOL	150	U	
2,6-DINITROTOLUENE	150	U	
2-ACETYLAMINOFLUORENE	150	U	
2-CHLORONAPHTHALENE	150	U	
2-CHLOROPHENOL	150	U	
2-METHYLNAPHTHALENE	61	U	
2-METHYLPHENOL	150	U	
2-NAPHTHYLAMINE	150	U	
2-NITROANILINE	150	U	
2-NITROPHENOL	150	U	
2-PICOLINE	150	U	
3,3'-DICHLOROBENZIDINE	230	U	
3,3'-DIMETHYLBENZIDINE	150	U	
3-METHYLCHOLANTHRENE	150	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	150	U	
3-NITROANILINE	150	U	
4,6-DINITRO-2-METHYLPHENOL	150	U	
4-AMINOBIPHENYL	150	U	
4-BROMOPHENYL PHENYL ETHER	150	U	
4-CHLORO-3-METHYLPHENOL	150	U	
4-CHLOROANILINE	150	U	
4-CHLOROPHENYL PHENYL ETHER	150	U	
4-METHYLPHENOL	150	U	
4-NITROANILINE	150	U	
4-NITROPHENOL	150	U	
4-NITROQUINOLINE-1-OXIDE	150	UR	C
5-NITRO-O-TOLUIDINE	150	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	150	U	
A,A-DIMETHYLPHENETHYLAMINE	150	U	
ACENAPHTHENE	61	U	
ACENAPHTHYLENE	61	U	
ACETOPHENONE	150	U	
ANILINE	150	U	
ANTHRACENE	61	U	
ARAMITE	150	U	
BENZO(A)ANTHRACENE	61	U	
BENZO(A)PYRENE	61	U	
BENZO(B)FLUORANTHENE	61	U	
BENZO(G,H,I)PERYLENE	61	U	
BENZO(K)FLUORANTHENE	61	U	
BENZOIC ACID	150	U	
BENZYL ALCOHOL	150	U	
BIS(2-CHLOROETHOXY)METHANE	150	U	
BIS(2-CHLOROETHYL)ETHER	150	U	
BIS(2-ETHYLHEXYL)PHTHALATE	150	U	
BUTYL BENZYL PHTHALATE	150	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-14-00-1106	nsample	S2-SS-14-00-1106	nsample	S2-SS-15-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-24	lab_id	0611056-24	lab_id	0611056-25
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	64.0	Pct_Solids	64.0	Pct_Solids	91.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	150	U	
CHRYSENE	61	U	
DIALLATE	150	U	
DIBENZO(A,H)ANTHRACENE	61	U	
DIBENZOFURAN	150	U	
DIETHYL PHTHALATE	150	U	
DIMETHOATE	150	U	
DIMETHYL PHTHALATE	150	U	
DI-N-BUTYL PHTHALATE	150	U	
DI-N-OCTYL PHTHALATE	150	U	
DINOSEB	150	U	
DIPHENYLAMINE	150	U	
DISULFOTON	150	U	
ETHYL METHANE SULFONATE	150	U	
ETHYL PARATHION	150	U	
FAMPHUR	150	U	
FLUORANTHENE	61	U	
FLUORENE	61	U	
HEXACHLOROBENZENE	150	U	
HEXACHLOROBUTADIENE	150	U	
HEXACHLOROCYCLOPENTADIENE	150	U	
HEXACHLOROETHANE	150	U	
HEXACHLOROPHENE	150	U	
HEXACHLOROPROPENE	150	U	
INDENO(1,2,3-CD)PYRENE	61	U	
ISODRIN	150	U	
ISOPHORONE	150	U	
ISOSAFROLE	150	U	
KEPONE	150	U	
METHAPYRILENE	150	U	
METHYL METHANE SULFONATE	150	U	
METHYL PARATHION	150	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	61	U	
NITROBENZENE	150	U	
N-NITROSODIETHYLAMINE	150	U	
N-NITROSODIMETHYLAMINE	150	U	
N-NITROSO-DI-N-BUTYLAMINE	150	U	
N-NITROSO-DI-N-PROPYLAMINE	150	U	
N-NITROSODIPHENYLAMINE	150	U	
N-NITROSOMETHYLETHYLAMINE	150	U	
N-NITROSOMORPHOLINE	150	U	
N-NITROSOPIPERIDINE	150	U	
N-NITROSOPYRROLIDINE	150	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	150	U	
O-TOLUIDINE	150	U	
P-(DIMETHYLAMINO)AZOBENZENE	150	U	
PENTACHLOROBENZENE	150	U	
PENTACHLOROETHANE	150	U	
PENTACHLORONITROBENZENE	150	U	
PENTACHLOROPHENOL	150	U	
PHENACETIN	150	U	
PHENANTHRENE	61	U	
PHENOL	150	U	
PHORATE	150	U	
PRONAMIDE	150	U	
PYRENE	61	U	
PYRIDINE	150	U	
SAFROLE	150	U	
SULFOTEPP	150	U	
THIONAZIN	150	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	110	U	
1,2,4-TRICHLOROBENZENE	110	U	
1,2-DICHLOROBENZENE	110	U	
1,3,5-TRINITROBENZENE	110	U	
1,3-DICHLOROBENZENE	110	U	
1,3-DINITROBENZENE	110	U	
1,4-DICHLOROBENZENE	110	U	
1,4-NAPHTHOQUINONE	110	U	
1,4-PHENYLENEDIAMINE	110	U	
1-NAPHTHYLAMINE	110	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	110	U	
2,3,4,6-TETRACHLOROPHENOL	110	U	
2,4,5-TRICHLOROPHENOL	110	U	
2,4,6-TRICHLOROPHENOL	110	U	
2,4-DICHLOROPHENOL	110	U	
2,4-DIMETHYLPHENOL	110	U	
2,4-DINITROPHENOL	110	U	
2,4-DINITROTOLUENE	110	U	
2,6-DICHLOROPHENOL	110	U	
2,6-DINITROTOLUENE	110	U	
2-ACETYLAMINOFLUORENE	110	U	
2-CHLORONAPHTHALENE	110	U	
2-CHLOROPHENOL	110	U	
2-METHYLNAPHTHALENE	44	U	
2-METHYLPHENOL	110	U	
2-NAPHTHYLAMINE	110	U	
2-NITROANILINE	110	U	
2-NITROPHENOL	110	U	
2-PICOLINE	110	U	
3,3'-DICHLOROBENZIDINE	160	U	
3,3'-DIMETHYLBENZIDINE	110	U	
3-METHYLCHOLANTHRENE	110	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-15-00-1106	nsample	S2-SS-15-00-1106	nsample	S2-SS-15-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-25	lab_id	0611056-25	lab_id	0611056-25
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.0	Pct_Solids	91.0	Pct_Solids	91.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	110	U	
3-NITROANILINE	110	U	
4,6-DINITRO-2-METHYLPHENOL	110	U	
4-AMINOBIPHENYL	110	U	
4-BROMOPHENYL PHENYL ETHER	110	U	
4-CHLORO-3-METHYLPHENOL	110	U	
4-CHLOROANILINE	110	U	
4-CHLOROPHENYL PHENYL ETHER	110	U	
4-METHYLPHENOL	110	U	
4-NITROANILINE	110	U	
4-NITROPHENOL	110	U	
4-NITROQUINOLINE-1-OXIDE	110	UR	C
5-NITRO-O-TOLUIDINE	110	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	110	U	
A,A-DIMETHYLPHENETHYLAMINE	110	U	
ACENAPHTHENE	44	U	
ACENAPHTHYLENE	44	U	
ACETOPHENONE	110	U	
ANILINE	110	U	
ANTHRACENE	44	U	
ARAMITE	110	U	
BENZO(A)ANTHRACENE	44	U	
BENZO(A)PYRENE	44	U	
BENZO(B)FLUORANTHENE	44	U	
BENZO(G,H,I)PERYLENE	44	U	
BENZO(K)FLUORANTHENE	44	U	
BENZOIC ACID	110	U	
BENZYL ALCOHOL	110	U	
BIS(2-CHLOROETHOXY)METHANE	110	U	
BIS(2-CHLOROETHYL)ETHER	110	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	J	P
BUTYL BENZYL PHTHALATE	110	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	110	U	
CHRYSENE	44	U	
DIALLATE	110	U	
DIBENZO(A,H)ANTHRACENE	44	U	
DIBENZOFURAN	110	U	
DIETHYL PHTHALATE	110	U	
DIMETHOATE	110	U	
DIMETHYL PHTHALATE	110	U	
DI-N-BUTYL PHTHALATE	110	U	
DI-N-OCTYL PHTHALATE	110	U	
DINOSEB	110	U	
DIPHENYLAMINE	110	U	
DISULFOTON	110	U	
ETHYL METHANE SULFONATE	110	U	
ETHYL PARATHION	110	U	
FAMPHUR	110	U	
FLUORANTHENE	44	U	
FLUORENE	44	U	
HEXACHLOROBENZENE	110	U	
HEXACHLOROBUTADIENE	110	U	
HEXACHLOROCYCLOPENTADIENE	110	U	
HEXACHLOROETHANE	110	U	
HEXACHLOROPHENE	110	U	
HEXACHLOROPROPENE	110	U	
INDENO(1,2,3-CD)PYRENE	44	U	
ISODRIN	110	U	
ISOPHORONE	110	U	
ISOSAFROLE	110	U	
KEPONE	110	U	
METHAPYRILENE	110	U	
METHYL METHANE SULFONATE	110	U	
METHYL PARATHION	110	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	44	U	
NITROBENZENE	110	U	
N-NITROSODIETHYLAMINE	110	U	
N-NITROSODIMETHYLAMINE	110	U	
N-NITROSO-DI-N-BUTYLAMINE	110	U	
N-NITROSO-DI-N-PROPYLAMINE	110	U	
N-NITROSODIPHENYLAMINE	110	U	
N-NITROSOMETHYLETHYLAMINE	110	U	
N-NITROSOMORPHOLINE	110	U	
N-NITROSOPIPERIDINE	110	U	
N-NITROSOPYRROLIDINE	110	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	110	U	
O-TOLUIDINE	110	U	
P-(DIMETHYLAMINO)AZOBENZENE	110	U	
PENTACHLOROBENZENE	110	U	
PENTACHLOROETHANE	110	U	
PENTACHLORONITROBENZENE	110	U	
PENTACHLOROPHENOL	110	U	
PHENACETIN	110	U	
PHENANTHRENE	44	U	
PHENOL	110	U	
PHORATE	110	U	
PRONAMIDE	110	U	
PYRENE	44	U	
PYRIDINE	110	U	
SAFROLE	110	U	
SULFOTEPP	110	U	
THIONAZIN	110	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-16-00-1106	nsample	S2-SS-16-00-1106	nsample	S2-SS-16-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-26	lab_id	0611056-26	lab_id	0611056-26
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	75.0	Pct_Solids	75.0	Pct_Solids	75.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	130	U	
1,2,4-TRICHLOROBENZENE	130	U	
1,2-DICHLOROBENZENE	130	U	
1,3,5-TRINITROBENZENE	130	U	
1,3-DICHLOROBENZENE	130	U	
1,3-DINITROBENZENE	130	U	
1,4-DICHLOROBENZENE	130	U	
1,4-NAPHTHOQUINONE	130	U	
1,4-PHENYLENEDIAMINE	130	U	
1-NAPHTHYLAMINE	130	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	130	U	
2,3,4,6-TETRACHLOROPHENOL	130	U	
2,4,5-TRICHLOROPHENOL	130	U	
2,4,6-TRICHLOROPHENOL	130	U	
2,4-DICHLOROPHENOL	130	U	
2,4-DIMETHYLPHENOL	130	U	
2,4-DINITROPHENOL	130	U	
2,4-DINITROTOLUENE	130	U	
2,6-DICHLOROPHENOL	130	U	
2,6-DINITROTOLUENE	130	U	
2-ACETYLAMINOFLUORENE	130	U	
2-CHLORONAPHTHALENE	130	U	
2-CHLOROPHENOL	130	U	
2-METHYLNAPHTHALENE	53	U	
2-METHYLPHENOL	130	U	
2-NAPHTHYLAMINE	130	U	
2-NITROANILINE	130	U	
2-NITROPHENOL	130	U	
2-PICOLINE	130	U	
3,3'-DICHLOROBENZIDINE	200	U	
3,3'-DIMETHYLBENZIDINE	130	U	
3-METHYLCHOLANTHRENE	130	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	130	U	
3-NITROANILINE	130	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	
4-AMINOBIPHENYL	130	U	
4-BROMOPHENYL PHENYL ETHER	130	U	
4-CHLORO-3-METHYLPHENOL	130	U	
4-CHLOROANILINE	130	U	
4-CHLOROPHENYL PHENYL ETHER	130	U	
4-METHYLPHENOL	130	U	
4-NITROANILINE	130	U	
4-NITROPHENOL	130	U	
4-NITROQUINOLINE-1-OXIDE	130	UR	C
5-NITRO-O-TOLUIDINE	130	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	130	U	
A,A-DIMETHYLPHENETHYLAMINE	130	U	
ACENAPHTHENE	53	U	
ACENAPHTHYLENE	53	U	
ACETOPHENONE	130	U	
ANILINE	130	U	
ANTHRACENE	53	U	
ARAMITE	130	U	
BENZO(A)ANTHRACENE	53	U	
BENZO(A)PYRENE	53	U	
BENZO(B)FLUORANTHENE	53	U	
BENZO(G,H,I)PERYLENE	53	U	
BENZO(K)FLUORANTHENE	53	U	
BENZOIC ACID	130	U	
BENZYL ALCOHOL	130	U	
BIS(2-CHLOROETHOXY)METHANE	130	U	
BIS(2-CHLOROETHYL)ETHER	130	U	
BIS(2-ETHYLHEXYL)PHTHALATE	130	U	
BUTYL BENZYL PHTHALATE	130	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	130	U	
CHRYSENE	53	U	
DIALLATE	130	U	
DIBENZO(A,H)ANTHRACENE	53	U	
DIBENZOFURAN	130	U	
DIETHYL PHTHALATE	130	U	
DIMETHOATE	130	U	
DIMETHYL PHTHALATE	130	U	
DI-N-BUTYL PHTHALATE	130	U	
DI-N-OCTYL PHTHALATE	130	U	
DINOSEB	130	U	
DIPHENYLAMINE	130	U	
DISULFOTON	130	U	
ETHYL METHANE SULFONATE	130	U	
ETHYL PARATHION	130	U	
FAMPHUR	130	U	
FLUORANTHENE	53	U	
FLUORENE	53	U	
HEXACHLOROBENZENE	130	U	
HEXACHLOROBUTADIENE	130	U	
HEXACHLOROCYCLOPENTADIENE	130	U	
HEXACHLOROETHANE	130	U	
HEXACHLOROPHENE	130	U	
HEXACHLOROPROPENE	130	U	
INDENO(1,2,3-CD)PYRENE	53	U	
ISODRIN	130	U	
ISOPHORONE	130	U	
ISOSAFROLE	130	U	
KEPONE	130	U	
METHAPYRILENE	130	U	
METHYL METHANE SULFONATE	130	U	
METHYL PARATHION	130	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-16-00-1106	nsample	S2-SS-17-00-1106	nsample	S2-SS-17-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-26	lab_id	0611056-27	lab_id	0611056-27
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	75.0	Pct_Solids	81.0	Pct_Solids	81.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	53	U	
NITROBENZENE	130	U	
N-NITROSODIETHYLAMINE	130	U	
N-NITROSODIMETHYLAMINE	130	U	
N-NITROSO-DI-N-BUTYLAMINE	130	U	
N-NITROSO-DI-N-PROPYLAMINE	130	U	
N-NITROSODIPHENYLAMINE	130	U	
N-NITROSOMETHYLETHYLAMINE	130	U	
N-NITROSOMORPHOLINE	130	U	
N-NITROSOPIPERIDINE	130	U	
N-NITROSOPYRROLIDINE	130	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	130	U	
O-TOLUIDINE	130	U	
P-(DIMETHYLAMINO)AZOBENZENE	130	U	
PENTACHLOROBENZENE	130	U	
PENTACHLOROETHANE	130	U	
PENTACHLORONITROBENZENE	130	U	
PENTACHLOROPHENOL	130	U	
PHENACETIN	130	U	
PHENANTHRENE	53	U	
PHENOL	130	U	
PHORATE	130	U	
PRONAMIDE	130	U	
PYRENE	53	U	
PYRIDINE	130	U	
SAFROLE	130	U	
SULFOTEPP	130	U	
THIONAZIN	130	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	48	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	48	U	
ACENAPHTHYLENE	48	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	48	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	48	U	
BENZO(A)PYRENE	48	U	
BENZO(B)FLUORANTHENE	48	U	
BENZO(G,H,I)PERYLENE	48	U	
BENZO(K)FLUORANTHENE	48	U	
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-17-00-1106	nsample	S2-SS-17-00-1106	nsample	S2-SS-18-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-27	lab_id	0611056-27	lab_id	0611056-28
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	81.0	Pct_Solids	76.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	48	U	
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	48	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	48	U	
FLUORENE	48	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	U	
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	48	U	
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	48	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	48	U	
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	48	U	
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	130	U	
1,2,4-TRICHLOROBENZENE	130	U	
1,2-DICHLOROBENZENE	130	U	
1,3,5-TRINITROBENZENE	130	U	
1,3-DICHLOROBENZENE	130	U	
1,3-DINITROBENZENE	130	U	
1,4-DICHLOROBENZENE	130	U	
1,4-NAPHTHOQUINONE	130	U	
1,4-PHENYLENEDIAMINE	130	U	
1-NAPHTHYLAMINE	130	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	130	U	
2,3,4,6-TETRACHLOROPHENOL	130	U	
2,4,5-TRICHLOROPHENOL	130	U	
2,4,6-TRICHLOROPHENOL	130	U	
2,4-DICHLOROPHENOL	130	U	
2,4-DIMETHYLPHENOL	130	U	
2,4-DINITROPHENOL	130	U	
2,4-DINITROTOLUENE	130	U	
2,6-DICHLOROPHENOL	130	U	
2,6-DINITROTOLUENE	130	U	
2-ACETYLAMINOFLUORENE	130	U	
2-CHLORONAPHTHALENE	130	U	
2-CHLOROPHENOL	130	U	
2-METHYLNAPHTHALENE	51	U	
2-METHYLPHENOL	130	U	
2-NAPHTHYLAMINE	130	U	
2-NITROANILINE	130	U	
2-NITROPHENOL	130	U	
2-PICOLINE	130	U	
3,3'-DICHLOROBENZIDINE	190	U	
3,3'-DIMETHYLBENZIDINE	130	U	
3-METHYLCHOLANTHRENE	130	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-18-00-1106
samp_date	11/5/2006
lab_id	0611056-28
qc_type	NM
units	UG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	130	U	
3-NITROANILINE	130	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	
4-AMINOBIPHENYL	130	U	
4-BROMOPHENYL PHENYL ETHER	130	U	
4-CHLORO-3-METHYLPHENOL	130	U	
4-CHLOROANILINE	130	U	
4-CHLOROPHENYL PHENYL ETHER	130	U	
4-METHYLPHENOL	130	U	
4-NITROANILINE	130	U	
4-NITROPHENOL	130	U	
4-NITROQUINOLINE-1-OXIDE	130	UR	C
5-NITRO-O-TOLUIDINE	130	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	130	U	
A,A-DIMETHYLPHENETHYLAMINE	130	U	
ACENAPHTHENE	51	U	
ACENAPHTHYLENE	51	U	
ACETOPHENONE	130	U	
ANILINE	130	U	
ANTHRACENE	51	U	
ARAMITE	130	U	
BENZO(A)ANTHRACENE	51	U	
BENZO(A)PYRENE	51	U	
BENZO(B)FLUORANTHENE	51	U	
BENZO(G,H,I)PERYLENE	51	U	
BENZO(K)FLUORANTHENE	51	U	
BENZOIC ACID	130	U	
BENZYL ALCOHOL	130	U	
BIS(2-CHLOROETHOXY)METHANE	130	U	
BIS(2-CHLOROETHYL)ETHER	130	U	
BIS(2-ETHYLHEXYL)PHTHALATE	130	U	
BUTYL BENZYL PHTHALATE	130	U	

nsample	S2-SS-18-00-1106
samp_date	11/5/2006
lab_id	0611056-28
qc_type	NM
units	UG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	130	U	
CHRYSENE	51	U	
DIALLATE	130	U	
DIBENZO(A,H)ANTHRACENE	51	U	
DIBENZOFURAN	130	U	
DIETHYL PHTHALATE	130	U	
DIMETHOATE	130	U	
DIMETHYL PHTHALATE	130	U	
DI-N-BUTYL PHTHALATE	130	U	
DI-N-OCTYL PHTHALATE	130	U	
DINOSEB	130	U	
DIPHENYLAMINE	130	U	
DISULFOTON	130	U	
ETHYL METHANE SULFONATE	130	U	
ETHYL PARATHION	130	U	
FAMPHUR	130	U	
FLUORANTHENE	51	U	
FLUORENE	51	U	
HEXACHLOROBENZENE	130	U	
HEXACHLOROBUTADIENE	130	U	
HEXACHLOROCYCLOPENTADIENE	130	U	
HEXACHLOROETHANE	130	U	
HEXACHLOROPHENE	130	U	
HEXACHLOROPROPENE	130	U	
INDENO(1,2,3-CD)PYRENE	51	U	
ISODRIN	130	U	
ISOPHORONE	130	U	
ISOSAFROLE	130	U	
KEPONE	130	U	
METHAPYRILENE	130	U	
METHYL METHANE SULFONATE	130	U	
METHYL PARATHION	130	U	

nsample	S2-SS-18-00-1106
samp_date	11/5/2006
lab_id	0611056-28
qc_type	NM
units	UG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	51	U	
NITROBENZENE	130	U	
N-NITROSODIETHYLAMINE	130	U	
N-NITROSODIMETHYLAMINE	130	U	
N-NITROSO-DI-N-BUTYLAMINE	130	U	
N-NITROSO-DI-N-PROPYLAMINE	130	U	
N-NITROSODIPHENYLAMINE	130	U	
N-NITROSOMETHYLETHYLAMINE	130	U	
N-NITROSOMORPHOLINE	130	U	
N-NITROSOPIPERIDINE	130	U	
N-NITROSOPYRROLIDINE	130	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	130	U	
O-TOLUIDINE	130	U	
P-(DIMETHYLAMINO)AZOBENZENE	130	U	
PENTACHLOROBENZENE	130	U	
PENTACHLOROETHANE	130	U	
PENTACHLORONITROBENZENE	130	U	
PENTACHLOROPHENOL	130	U	
PHENACETIN	130	U	
PHENANTHRENE	51	U	
PHENOL	130	U	
PHORATE	130	U	
PRONAMIDE	130	U	
PYRENE	51	U	
PYRIDINE	130	U	
SAFROLE	130	U	
SULFOTEPP	130	U	
THIONAZIN	130	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-19-00-1106
samp_date	11/5/2006
lab_id	0611056-29
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	110	U	
1,2,4-TRICHLOROBENZENE	110	U	
1,2-DICHLOROBENZENE	110	U	
1,3,5-TRINITROBENZENE	110	U	
1,3-DICHLOROBENZENE	110	U	
1,3-DINITROBENZENE	110	U	
1,4-DICHLOROBENZENE	110	U	
1,4-NAPHTHOQUINONE	110	U	
1,4-PHENYLENEDIAMINE	110	U	
1-NAPHTHYLAMINE	110	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	110	U	
2,3,4,6-TETRACHLOROPHENOL	110	U	
2,4,5-TRICHLOROPHENOL	110	U	
2,4,6-TRICHLOROPHENOL	110	U	
2,4-DICHLOROPHENOL	110	U	
2,4-DIMETHYLPHENOL	110	U	
2,4-DINITROPHENOL	110	U	
2,4-DINITROTOLUENE	110	U	
2,6-DICHLOROPHENOL	110	U	
2,6-DINITROTOLUENE	110	U	
2-ACETYLAMINOFLUORENE	110	U	
2-CHLORONAPHTHALENE	110	U	
2-CHLOROPHENOL	110	U	
2-METHYLNAPHTHALENE	43	U	
2-METHYLPHENOL	110	U	
2-NAPHTHYLAMINE	110	U	
2-NITROANILINE	110	U	
2-NITROPHENOL	110	U	
2-PICOLINE	110	U	
3,3'-DICHLOROBENZIDINE	160	U	
3,3'-DIMETHYLBENZIDINE	110	U	
3-METHYLCHOLANTHRENE	110	U	

nsample	S2-SS-19-00-1106
samp_date	11/5/2006
lab_id	0611056-29
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	110	U	
3-NITROANILINE	110	U	
4,6-DINITRO-2-METHYLPHENOL	110	U	
4-AMINOBIPHENYL	110	U	
4-BROMOPHENYL PHENYL ETHER	110	U	
4-CHLORO-3-METHYLPHENOL	110	U	
4-CHLOROANILINE	110	U	
4-CHLOROPHENYL PHENYL ETHER	110	U	
4-METHYLPHENOL	110	U	
4-NITROANILINE	110	U	
4-NITROPHENOL	110	U	
4-NITROQUINOLINE-1-OXIDE	110	UR	C
5-NITRO-O-TOLUIDINE	110	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	110	U	
A,A-DIMETHYLPHENETHYLAMINE	110	U	
ACENAPHTHENE	43	U	
ACENAPHTHYLENE	43	U	
ACETOPHENONE	110	U	
ANILINE	110	U	
ANTHRACENE	43	U	
ARAMITE	110	U	
BENZO(A)ANTHRACENE	43	U	
BENZO(A)PYRENE	43	U	
BENZO(B)FLUORANTHENE	43	U	
BENZO(G,H,I)PERYLENE	43	U	
BENZO(K)FLUORANTHENE	43	U	
BENZOIC ACID	110	U	
BENZYL ALCOHOL	110	U	
BIS(2-CHLOROETHOXY)METHANE	110	U	
BIS(2-CHLOROETHYL)ETHER	110	U	
BIS(2-ETHYLHEXYL)PHTHALATE	110	U	
BUTYL BENZYL PHTHALATE	110	U	

nsample	S2-SS-19-00-1106
samp_date	11/5/2006
lab_id	0611056-29
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	110	U	
CHRYSENE	43	U	
DIALLATE	110	U	
DIBENZO(A,H)ANTHRACENE	43	U	
DIBENZOFURAN	110	U	
DIETHYL PHTHALATE	110	U	
DIMETHOATE	110	U	
DIMETHYL PHTHALATE	110	U	
DI-N-BUTYL PHTHALATE	110	U	
DI-N-OCTYL PHTHALATE	110	U	
DINOSEB	110	U	
DIPHENYLAMINE	110	U	
DISULFOTON	110	U	
ETHYL METHANE SULFONATE	110	U	
ETHYL PARATHION	110	U	
FAMPHUR	110	U	
FLUORANTHENE	43	U	
FLUORENE	43	U	
HEXACHLOROBENZENE	110	U	
HEXACHLOROBUTADIENE	110	U	
HEXACHLOROCYCLOPENTADIENE	110	U	
HEXACHLOROETHANE	110	U	
HEXACHLOROPHENE	110	U	
HEXACHLOROPROPENE	110	U	
INDENO(1,2,3-CD)PYRENE	43	U	
ISODRIN	110	U	
ISOPHORONE	110	U	
ISOSAFROLE	110	U	
KEPONE	110	U	
METHAPYRILENE	110	U	
METHYL METHANE SULFONATE	110	U	
METHYL PARATHION	110	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-19-00-1106
samp_date	11/5/2006
lab_id	0611056-29
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	43	U	
NITROBENZENE	110	U	
N-NITROSODIETHYLAMINE	110	U	
N-NITROSODIMETHYLAMINE	110	U	
N-NITROSO-DI-N-BUTYLAMINE	110	U	
N-NITROSO-DI-N-PROPYLAMINE	110	U	
N-NITROSODIPHENYLAMINE	110	U	
N-NITROSOMETHYLETHYLAMINE	110	U	
N-NITROSOMORPHOLINE	110	U	
N-NITROSOPIPERIDINE	110	U	
N-NITROSOPYRROLIDINE	110	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	110	U	
O-TOLUIDINE	110	U	
P-(DIMETHYLAMINO)AZOBENZENE	110	U	
PENTACHLOROBENZENE	110	U	
PENTACHLOROETHANE	110	U	
PENTACHLORONITROBENZENE	110	U	
PENTACHLOROPHENOL	110	U	
PHENACETIN	110	U	
PHENANTHRENE	43	U	
PHENOL	110	U	
PHORATE	110	U	
PRONAMIDE	110	U	
PYRENE	43	U	
PYRIDINE	110	U	
SAFROLE	110	U	
SULFOTEPP	110	U	
THIONAZIN	110	U	

nsample	S2-SS-20-00-1106
samp_date	11/5/2006
lab_id	0611056-30
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	48	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

nsample	S2-SS-20-00-1106
samp_date	11/5/2006
lab_id	0611056-30
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	48	U	
ACENAPHTHYLENE	48	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	48	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	48	U	
BENZO(A)PYRENE	48	U	
BENZO(B)FLUORANTHENE	48	U	
BENZO(G,H,I)PERYLENE	48	U	
BENZO(K)FLUORANTHENE	48	U	
BENZOIC ACID	120	U	
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-20-00-1106
samp_date	11/5/2006
lab_id	0611056-30
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	48	U	
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	48	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	48	U	
FLUORENE	48	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	U	
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	48	U	
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

nsample	S2-SS-20-00-1106
samp_date	11/5/2006
lab_id	0611056-30
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	48	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	48	U	
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	48	U	
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

nsample	S2-SS-21-00-1106
samp_date	11/5/2006
lab_id	0611056-31
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	120	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,3,5-TRINITROBENZENE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DINITROBENZENE	120	U	
1,4-DICHLOROBENZENE	120	U	
1,4-NAPHTHOQUINONE	120	U	
1,4-PHENYLENEDIAMINE	120	U	
1-NAPHTHYLAMINE	120	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	120	U	
2,3,4,6-TETRACHLOROPHENOL	120	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	120	U	
2,4-DICHLOROPHENOL	120	U	
2,4-DIMETHYLPHENOL	120	U	
2,4-DINITROPHENOL	120	U	
2,4-DINITROTOLUENE	120	U	
2,6-DICHLOROPHENOL	120	U	
2,6-DINITROTOLUENE	120	U	
2-ACETYLAMINOFLUORENE	120	U	
2-CHLORONAPHTHALENE	120	U	
2-CHLOROPHENOL	120	U	
2-METHYLNAPHTHALENE	47	U	
2-METHYLPHENOL	120	U	
2-NAPHTHYLAMINE	120	U	
2-NITROANILINE	120	U	
2-NITROPHENOL	120	U	
2-PICOLINE	120	U	
3,3'-DICHLOROBENZIDINE	180	U	
3,3'-DIMETHYLBENZIDINE	120	U	
3-METHYLCHOLANTHRENE	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-21-00-1106	nsample	S2-SS-21-00-1106	nsample	S2-SS-21-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-31	lab_id	0611056-31	lab_id	0611056-31
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.0	Pct_Solids	84.0	Pct_Solids	84.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	120	U	
3-NITROANILINE	120	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	
4-AMINOBIPHENYL	120	U	
4-BROMOPHENYL PHENYL ETHER	120	U	
4-CHLORO-3-METHYLPHENOL	120	U	
4-CHLOROANILINE	120	U	
4-CHLOROPHENYL PHENYL ETHER	120	U	
4-METHYLPHENOL	120	U	
4-NITROANILINE	120	U	
4-NITROPHENOL	120	U	
4-NITROQUINOLINE-1-OXIDE	120	UR	C
5-NITRO-O-TOLUIDINE	120	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	120	U	
A,A-DIMETHYLPHENETHYLAMINE	120	U	
ACENAPHTHENE	47	U	
ACENAPHTHYLENE	47	U	
ACETOPHENONE	120	U	
ANILINE	120	U	
ANTHRACENE	47	U	
ARAMITE	120	U	
BENZO(A)ANTHRACENE	210	J	P
BENZO(A)PYRENE	220	J	P
BENZO(B)FLUORANTHENE	310	J	P
BENZO(G,H,I)PERYLENE	120	J	P
BENZO(K)FLUORANTHENE	190	J	P
BENZOIC ACID	350	J	P
BENZYL ALCOHOL	120	U	
BIS(2-CHLOROETHOXY)METHANE	120	U	
BIS(2-CHLOROETHYL)ETHER	120	U	
BIS(2-ETHYLHEXYL)PHTHALATE	120	U	
BUTYL BENZYL PHTHALATE	120	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	120	U	
CHRYSENE	260	J	P
DIALLATE	120	U	
DIBENZO(A,H)ANTHRACENE	47	U	
DIBENZOFURAN	120	U	
DIETHYL PHTHALATE	120	U	
DIMETHOATE	120	U	
DIMETHYL PHTHALATE	120	U	
DI-N-BUTYL PHTHALATE	120	U	
DI-N-OCTYL PHTHALATE	120	U	
DINOSEB	120	U	
DIPHENYLAMINE	120	U	
DISULFOTON	120	U	
ETHYL METHANE SULFONATE	120	U	
ETHYL PARATHION	120	U	
FAMPHUR	120	U	
FLUORANTHENE	220	J	P
FLUORENE	47	U	
HEXACHLOROBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
HEXACHLOROCYCLOPENTADIENE	120	U	
HEXACHLOROETHANE	120	U	
HEXACHLOROPHENE	120	UR	C
HEXACHLOROPROPENE	120	U	
INDENO(1,2,3-CD)PYRENE	47	U	
ISODRIN	120	U	
ISOPHORONE	120	U	
ISOSAFROLE	120	U	
KEPONE	120	U	
METHAPYRILENE	120	U	
METHYL METHANE SULFONATE	120	U	
METHYL PARATHION	120	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	47	U	
NITROBENZENE	120	U	
N-NITROSODIETHYLAMINE	120	U	
N-NITROSODIMETHYLAMINE	120	U	
N-NITROSO-DI-N-BUTYLAMINE	120	U	
N-NITROSO-DI-N-PROPYLAMINE	120	U	
N-NITROSODIPHENYLAMINE	120	U	
N-NITROSOMETHYLETHYLAMINE	120	U	
N-NITROSOMORPHOLINE	120	U	
N-NITROSOPIPERIDINE	120	U	
N-NITROSOPYRROLIDINE	120	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	120	U	
O-TOLUIDINE	120	U	
P-(DIMETHYLAMINO)AZOBENZENE	120	U	
PENTACHLOROBENZENE	120	U	
PENTACHLOROETHANE	120	U	
PENTACHLORONITROBENZENE	120	U	
PENTACHLOROPHENOL	120	U	
PHENACETIN	120	U	
PHENANTHRENE	47	U	
PHENOL	120	U	
PHORATE	120	U	
PRONAMIDE	120	U	
PYRENE	320	J	P
PYRIDINE	120	U	
SAFROLE	120	U	
SULFOTEPP	120	U	
THIONAZIN	120	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-22-00-1106	nsample	S2-SS-22-00-1106	nsample	S2-SS-22-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-32	lab_id	0611056-32	lab_id	0611056-32
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	66.0	Pct_Solids	66.0	Pct_Solids	66.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	150	U	
1,2,4-TRICHLOROBENZENE	150	U	
1,2-DICHLOROBENZENE	150	U	
1,3,5-TRINITROBENZENE	150	U	
1,3-DICHLOROBENZENE	150	U	
1,3-DINITROBENZENE	150	U	
1,4-DICHLOROBENZENE	150	U	
1,4-NAPHTHOQUINONE	150	U	
1,4-PHENYLENEDIAMINE	150	U	
1-NAPHTHYLAMINE	150	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	150	U	
2,3,4,6-TETRACHLOROPHENOL	150	U	
2,4,5-TRICHLOROPHENOL	150	U	
2,4,6-TRICHLOROPHENOL	150	U	
2,4-DICHLOROPHENOL	150	U	
2,4-DIMETHYLPHENOL	150	U	
2,4-DINITROPHENOL	150	U	
2,4-DINITROTOLUENE	150	U	
2,6-DICHLOROPHENOL	150	U	
2,6-DINITROTOLUENE	150	U	
2-ACETYLAMINOFLUORENE	150	U	
2-CHLORONAPHTHALENE	150	U	
2-CHLOROPHENOL	150	U	
2-METHYLNAPHTHALENE	59	U	
2-METHYLPHENOL	150	U	
2-NAPHTHYLAMINE	150	U	
2-NITROANILINE	150	U	
2-NITROPHENOL	150	U	
2-PICOLINE	150	U	
3,3'-DICHLOROBENZIDINE	220	U	
3,3'-DIMETHYLBENZIDINE	150	U	
3-METHYLCHOLANTHRENE	150	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	150	U	
3-NITROANILINE	150	U	
4,6-DINITRO-2-METHYLPHENOL	150	U	
4-AMINOBIPHENYL	150	U	
4-BROMOPHENYL PHENYL ETHER	150	U	
4-CHLORO-3-METHYLPHENOL	150	U	
4-CHLOROANILINE	150	U	
4-CHLOROPHENYL PHENYL ETHER	150	U	
4-METHYLPHENOL	150	U	
4-NITROANILINE	150	U	
4-NITROPHENOL	150	U	
4-NITROQUINOLINE-1-OXIDE	150	UR	C
5-NITRO-O-TOLUIDINE	150	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	150	U	
A,A-DIMETHYLPHENETHYLAMINE	150	U	
ACENAPHTHENE	59	U	
ACENAPHTHYLENE	59	U	
ACETOPHENONE	150	U	
ANILINE	150	U	
ANTHRACENE	59	U	
ARAMITE	150	U	
BENZO(A)ANTHRACENE	200	J	P
BENZO(A)PYRENE	260	J	P
BENZO(B)FLUORANTHENE	280	J	P
BENZO(G,H,I)PERYLENE	170	J	P
BENZO(K)FLUORANTHENE	210	J	P
BENZOIC ACID	150	U	
BENZYL ALCOHOL	150	U	
BIS(2-CHLOROETHOXY)METHANE	150	U	
BIS(2-CHLOROETHYL)ETHER	150	U	
BIS(2-ETHYLHEXYL)PHTHALATE	150	U	
BUTYL BENZYL PHTHALATE	150	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	150	U	
CHRYSENE	260	J	P
DIALLATE	150	U	
DIBENZO(A,H)ANTHRACENE	59	U	
DIBENZOFURAN	150	U	
DIETHYL PHTHALATE	150	U	
DIMETHOATE	150	U	
DIMETHYL PHTHALATE	150	U	
DI-N-BUTYL PHTHALATE	150	U	
DI-N-OCTYL PHTHALATE	150	U	
DINOSEB	150	U	
DIPHENYLAMINE	150	U	
DISULFOTON	150	U	
ETHYL METHANE SULFONATE	150	U	
ETHYL PARATHION	150	U	
FAMPHUR	150	U	
FLUORANTHENE	290	J	P
FLUORENE	59	U	
HEXACHLOROBENZENE	150	U	
HEXACHLOROBUTADIENE	150	U	
HEXACHLOROCYCLOPENTADIENE	150	U	
HEXACHLOROETHANE	150	U	
HEXACHLOROPHENE	150	UR	C
HEXACHLOROPROPENE	150	U	
INDENO(1,2,3-CD)PYRENE	180	J	P
ISODRIN	150	U	
ISOPHORONE	150	U	
ISOSAFROLE	150	U	
KEPONE	150	U	
METHAPYRILENE	150	U	
METHYL METHANE SULFONATE	150	U	
METHYL PARATHION	150	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SS-22-00-1106	nsample	S5FD11060602	nsample	S5FD11060602
samp_date	11/5/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-32	lab_id	0611056-39	lab_id	0611056-39
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	66.0	Pct_Solids	16.0	Pct_Solids	16.0
DUP_OF:		DUP_OF:	S5-SD-02-00-1106	DUP_OF:	S5-SD-02-00-1106

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	59	U	
NITROBENZENE	150	U	
N-NITROSODIETHYLAMINE	150	U	
N-NITROSODIMETHYLAMINE	150	U	
N-NITROSO-DI-N-BUTYLAMINE	150	U	
N-NITROSO-DI-N-PROPYLAMINE	150	U	
N-NITROSODIPHENYLAMINE	150	U	
N-NITROSOMETHYLETHYLAMINE	150	U	
N-NITROSOMORPHOLINE	150	U	
N-NITROSOPIPERIDINE	150	U	
N-NITROSOPYRROLIDINE	150	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	150	U	
O-TOLUIDINE	150	U	
P-(DIMETHYLAMINO)AZOBENZENE	150	U	
PENTACHLOROBENZENE	150	U	
PENTACHLOROETHANE	150	U	
PENTACHLORONITROBENZENE	150	U	
PENTACHLOROPHENOL	150	U	
PHENACETIN	150	U	
PHENANTHRENE	81	J	P
PHENOL	150	U	
PHORATE	150	U	
PRONAMIDE	150	U	
PYRENE	410	J	P
PYRIDINE	150	U	
SAFROLE	150	U	
SULFOTEPP	150	U	
THIONAZIN	150	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	620	UJ	Y
1,2,4-TRICHLOROBENZENE	620	UJ	Y
1,2-DICHLOROBENZENE	620	UJ	Y
1,3,5-TRINITROBENZENE	620	UJ	Y
1,3-DICHLOROBENZENE	620	UJ	Y
1,3-DINITROBENZENE	620	UJ	Y
1,4-DICHLOROBENZENE	620	UJ	Y
1,4-NAPHTHOQUINONE	620	UJ	Y
1,4-PHENYLENEDIAMINE	620	UJ	Y
1-NAPHTHYLAMINE	620	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	620	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	620	UJ	Y
2,4,5-TRICHLOROPHENOL	620	UJ	Y
2,4,6-TRICHLOROPHENOL	620	UJ	Y
2,4-DICHLOROPHENOL	620	UJ	Y
2,4-DIMETHYLPHENOL	620	UJ	Y
2,4-DINITROPHENOL	620	UJ	Y
2,4-DINITROTOLUENE	620	UJ	Y
2,6-DICHLOROPHENOL	620	UJ	Y
2,6-DINITROTOLUENE	620	UJ	Y
2-ACETYLAMINOFLUORENE	620	UJ	Y
2-CHLORONAPHTHALENE	620	UJ	Y
2-CHLOROPHENOL	620	UJ	Y
2-METHYLNAPHTHALENE	250	UJ	Y
2-METHYLPHENOL	620	UJ	Y
2-NAPHTHYLAMINE	620	UJ	Y
2-NITROANILINE	620	UJ	Y
2-NITROPHENOL	620	UJ	Y
2-PICOLINE	620	UJ	Y
3,3'-DICHLOROBENZIDINE	920	UJ	Y
3,3'-DIMETHYLBENZIDINE	620	UJ	Y
3-METHYLCHOLANTHRENE	620	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	620	UJ	Y
3-NITROANILINE	620	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	620	UJ	Y
4-AMINOBIPHENYL	620	UJ	Y
4-BROMOPHENYL PHENYL ETHER	620	UJ	Y
4-CHLORO-3-METHYLPHENOL	620	UJ	Y
4-CHLOROANILINE	620	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	620	UJ	Y
4-METHYLPHENOL	620	UJ	Y
4-NITROANILINE	620	UJ	Y
4-NITROPHENOL	620	UJ	Y
4-NITROQUINOLINE-1-OXIDE	620	UR	C
5-NITRO-O-TOLUIDINE	620	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	620	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	620	UJ	Y
ACENAPHTHENE	250	UJ	Y
ACENAPHTHYLENE	250	UJ	Y
ACETOPHENONE	620	UJ	Y
ANILINE	620	UJ	Y
ANTHRACENE	250	UJ	Y
ARAMITE	620	UJ	Y
BENZO(A)ANTHRACENE	250	UJ	Y
BENZO(A)PYRENE	250	UJ	Y
BENZO(B)FLUORANTHENE	250	UJ	Y
BENZO(G,H,I)PERYLENE	250	UJ	Y
BENZO(K)FLUORANTHENE	250	UJ	Y
BENZOIC ACID	620	UJ	Y
BENZYL ALCOHOL	620	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	620	UJ	Y
BIS(2-CHLOROETHYL)ETHER	620	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	620	UJ	Y
BUTYL BENZYL PHTHALATE	620	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5FD11060602	nsample	S5FD11060602	nsample	S5-SD-01-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-39	lab_id	0611056-39	lab_id	0611056-34
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	16.0	Pct_Solids	17.0
DUP_OF:	S5-SD-02-00-1106	DUP_OF:	S5-SD-02-00-1106	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	620	UJ	Y
CHRYSENE	250	UJ	Y
DIALLATE	620	UJ	Y
DIBENZO(A,H)ANTHRACENE	250	UJ	Y
DIBENZOFURAN	620	UJ	Y
DIETHYL PHTHALATE	620	UJ	Y
DIMETHOATE	620	UJ	Y
DIMETHYL PHTHALATE	620	UJ	Y
DI-N-BUTYL PHTHALATE	620	UJ	Y
DI-N-OCTYL PHTHALATE	620	UJ	Y
DINOSEB	620	UJ	Y
DIPHENYLAMINE	620	UJ	Y
DISULFOTON	620	UJ	Y
ETHYL METHANE SULFONATE	620	UJ	Y
ETHYL PARATHION	620	UJ	Y
FAMPHUR	620	UJ	Y
FLUORANTHENE	250	UJ	Y
FLUORENE	250	UJ	Y
HEXACHLOROBENZENE	620	UJ	Y
HEXACHLOROBUTADIENE	620	UJ	Y
HEXACHLOROCYCLOPENTADIENE	620	UJ	Y
HEXACHLOROETHANE	620	UJ	Y
HEXACHLOROPHENE	620	UR	C
HEXACHLOROPROPENE	620	UJ	Y
INDENO(1,2,3-CD)PYRENE	250	UJ	Y
ISODRIN	620	UJ	Y
ISOPHORONE	620	UJ	Y
ISOSAFROLE	620	UJ	Y
KEPONE	620	UJ	Y
METHAPYRILENE	620	UJ	Y
METHYL METHANE SULFONATE	620	UJ	Y
METHYL PARATHION	620	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	250	UJ	Y
NITROBENZENE	620	UJ	Y
N-NITROSODIETHYLAMINE	620	UJ	Y
N-NITROSODIMETHYLAMINE	620	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	620	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	620	UJ	Y
N-NITROSODIPHENYLAMINE	620	UJ	Y
N-NITROSOMETHYLETHYLAMINE	620	UJ	Y
N-NITROSOMORPHOLINE	620	UJ	Y
N-NITROSOPIPERIDINE	620	UJ	Y
N-NITROSOPYRROLIDINE	620	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	620	UJ	Y
O-TOLUIDINE	620	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	620	UJ	Y
PENTACHLOROBENZENE	620	UJ	Y
PENTACHLOROETHANE	620	UJ	Y
PENTACHLORONITROBENZENE	620	UJ	Y
PENTACHLOROPHENOL	620	UJ	Y
PHENACETIN	620	UJ	Y
PHENANTHRENE	250	UJ	Y
PHENOL	620	UJ	Y
PHORATE	620	UJ	Y
PRONAMIDE	620	UJ	Y
PYRENE	250	UJ	Y
PYRIDINE	620	UJ	Y
SAFROLE	620	UJ	Y
SULFOTEPP	620	UJ	Y
THIONAZIN	620	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	580	UJ	Y
1,2,4-TRICHLOROBENZENE	580	UJ	Y
1,2-DICHLOROBENZENE	580	UJ	Y
1,3,5-TRINITROBENZENE	580	UJ	Y
1,3-DICHLOROBENZENE	580	UJ	Y
1,3-DINITROBENZENE	580	UJ	Y
1,4-DICHLOROBENZENE	580	UJ	Y
1,4-NAPHTHOQUINONE	580	UJ	Y
1,4-PHENYLENEDIAMINE	580	UJ	Y
1-NAPHTHYLAMINE	580	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	580	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	580	UJ	Y
2,4,5-TRICHLOROPHENOL	580	UJ	Y
2,4,6-TRICHLOROPHENOL	580	UJ	Y
2,4-DICHLOROPHENOL	580	UJ	Y
2,4-DIMETHYLPHENOL	580	UJ	Y
2,4-DINITROPHENOL	580	UJ	Y
2,4-DINITROTOLUENE	580	UJ	Y
2,6-DICHLOROPHENOL	580	UJ	Y
2,6-DINITROTOLUENE	580	UJ	Y
2-ACETYLAMINOFLUORENE	580	UJ	Y
2-CHLORONAPHTHALENE	580	UJ	Y
2-CHLOROPHENOL	580	UJ	Y
2-METHYLNAPHTHALENE	230	UJ	Y
2-METHYLPHENOL	580	UJ	Y
2-NAPHTHYLAMINE	580	UJ	Y
2-NITROANILINE	580	UJ	Y
2-NITROPHENOL	580	UJ	Y
2-PICOLINE	580	UJ	Y
3,3'-DICHLOROBENZIDINE	860	UJ	Y
3,3'-DIMETHYLBENZIDINE	580	UJ	Y
3-METHYLCHOLANTHRENE	580	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-01-00-1106	nsample	S5-SD-01-00-1106	nsample	S5-SD-01-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-34	lab_id	0611056-34	lab_id	0611056-34
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	17.0	Pct_Solids	17.0	Pct_Solids	17.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	580	UJ	Y
3-NITROANILINE	580	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	580	UJ	Y
4-AMINOBIPHENYL	580	UJ	Y
4-BROMOPHENYL PHENYL ETHER	580	UJ	Y
4-CHLORO-3-METHYLPHENOL	580	UJ	Y
4-CHLOROANILINE	580	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	580	UJ	Y
4-METHYLPHENOL	580	UJ	Y
4-NITROANILINE	580	UJ	Y
4-NITROPHENOL	580	UJ	Y
4-NITROQUINOLINE-1-OXIDE	580	UR	C
5-NITRO-O-TOLUIDINE	580	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	580	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	580	UJ	Y
ACENAPHTHENE	230	UJ	Y
ACENAPHTHYLENE	230	UJ	Y
ACETOPHENONE	580	UJ	Y
ANILINE	580	UJ	Y
ANTHRACENE	230	UJ	Y
ARAMITE	580	UJ	Y
BENZO(A)ANTHRACENE	230	UJ	Y
BENZO(A)PYRENE	230	UJ	Y
BENZO(B)FLUORANTHENE	230	UJ	Y
BENZO(G,H,I)PERYLENE	230	UJ	Y
BENZO(K)FLUORANTHENE	230	UJ	Y
BENZOIC ACID	580	UJ	Y
BENZYL ALCOHOL	580	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	580	UJ	Y
BIS(2-CHLOROETHYL)ETHER	580	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	580	UJ	Y
BUTYL BENZYL PHTHALATE	580	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	580	UJ	Y
CHRYSENE	230	UJ	Y
DIALLATE	580	UJ	Y
DIBENZO(A,H)ANTHRACENE	230	UJ	Y
DIBENZOFURAN	580	UJ	Y
DIETHYL PHTHALATE	580	UJ	Y
DIMETHOATE	580	UJ	Y
DIMETHYL PHTHALATE	580	UJ	Y
DI-N-BUTYL PHTHALATE	580	UJ	Y
DI-N-OCTYL PHTHALATE	580	UJ	Y
DINOSEB	580	UJ	Y
DIPHENYLAMINE	580	UJ	Y
DISULFOTON	580	UJ	Y
ETHYL METHANE SULFONATE	580	UJ	Y
ETHYL PARATHION	580	UJ	Y
FAMPHUR	580	UJ	Y
FLUORANTHENE	230	UJ	Y
FLUORENE	230	UJ	Y
HEXACHLOROBENZENE	580	UJ	Y
HEXACHLOROBUTADIENE	580	UJ	Y
HEXACHLOROCYCLOPENTADIENE	580	UJ	Y
HEXACHLOROETHANE	580	UJ	Y
HEXACHLOROPHENE	580	UR	C
HEXACHLOROPROPENE	580	UJ	Y
INDENO(1,2,3-CD)PYRENE	230	UJ	Y
ISODRIN	580	UJ	Y
ISOPHORONE	580	UJ	Y
ISOSAFROLE	580	UJ	Y
KEPONE	580	UJ	Y
METHAPYRILENE	580	UJ	Y
METHYL METHANE SULFONATE	580	UJ	Y
METHYL PARATHION	580	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	230	UJ	Y
NITROBENZENE	580	UJ	Y
N-NITROSODIETHYLAMINE	580	UJ	Y
N-NITROSODIMETHYLAMINE	580	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	580	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	580	UJ	Y
N-NITROSODIPHENYLAMINE	580	UJ	Y
N-NITROSOMETHYLETHYLAMINE	580	UJ	Y
N-NITROSOMORPHOLINE	580	UJ	Y
N-NITROSOPIPERIDINE	580	UJ	Y
N-NITROSOPYRROLIDINE	580	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	580	UJ	Y
O-TOLUIDINE	580	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	580	UJ	Y
PENTACHLOROBENZENE	580	UJ	Y
PENTACHLOROETHANE	580	UJ	Y
PENTACHLORONITROBENZENE	580	UJ	Y
PENTACHLOROPHENOL	580	UJ	Y
PHENACETIN	580	UJ	Y
PHENANTHRENE	230	UJ	Y
PHENOL	580	UJ	Y
PHORATE	580	UJ	Y
PRONAMIDE	580	UJ	Y
PYRENE	230	UJ	Y
PYRIDINE	580	UJ	Y
SAFROLE	580	UJ	Y
SULFOTEPP	580	UJ	Y
THIONAZIN	580	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-02-00-1106	nsample	S5-SD-02-00-1106	nsample	S5-SD-02-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-35	lab_id	0611056-35	lab_id	0611056-35
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	16.0	Pct_Solids	16.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	590	UJ	Y
1,2,4-TRICHLOROBENZENE	590	UJ	Y
1,2-DICHLOROBENZENE	590	UJ	Y
1,3,5-TRINITROBENZENE	590	UJ	Y
1,3-DICHLOROBENZENE	590	UJ	Y
1,3-DINITROBENZENE	590	UJ	Y
1,4-DICHLOROBENZENE	590	UJ	Y
1,4-NAPHTHOQUINONE	590	UJ	Y
1,4-PHENYLENEDIAMINE	590	UJ	Y
1-NAPHTHYLAMINE	590	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	590	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	590	UJ	Y
2,4,5-TRICHLOROPHENOL	590	UJ	Y
2,4,6-TRICHLOROPHENOL	590	UJ	Y
2,4-DICHLOROPHENOL	590	UJ	Y
2,4-DIMETHYLPHENOL	590	UJ	Y
2,4-DINITROPHENOL	590	UJ	Y
2,4-DINITROTOLUENE	590	UJ	Y
2,6-DICHLOROPHENOL	590	UJ	Y
2,6-DINITROTOLUENE	590	UJ	Y
2-ACETYLAMINOFLUORENE	590	UJ	Y
2-CHLORONAPHTHALENE	590	UJ	Y
2-CHLOROPHENOL	590	UJ	Y
2-METHYLNAPHTHALENE	240	UJ	Y
2-METHYLPHENOL	590	UJ	Y
2-NAPHTHYLAMINE	590	UJ	Y
2-NITROANILINE	590	UJ	Y
2-NITROPHENOL	590	UJ	Y
2-PICOLINE	590	UJ	Y
3,3'-DICHLOROBENZIDINE	890	UJ	Y
3,3'-DIMETHYLBENZIDINE	590	UJ	Y
3-METHYLCHOLANTHRENE	590	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	590	UJ	Y
3-NITROANILINE	590	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	590	UJ	Y
4-AMINOBIPHENYL	590	UJ	Y
4-BROMOPHENYL PHENYL ETHER	590	UJ	Y
4-CHLORO-3-METHYLPHENOL	590	UJ	Y
4-CHLOROANILINE	590	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	590	UJ	Y
4-METHYLPHENOL	590	UJ	Y
4-NITROANILINE	590	UJ	Y
4-NITROPHENOL	590	UJ	Y
4-NITROQUINOLINE-1-OXIDE	590	UR	C
5-NITRO-O-TOLUIDINE	590	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	590	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	590	UJ	Y
ACENAPHTHENE	240	UJ	Y
ACENAPHTHYLENE	240	UJ	Y
ACETOPHENONE	590	UJ	Y
ANILINE	590	UJ	Y
ANTHRACENE	240	UJ	Y
ARAMITE	590	UJ	Y
BENZO(A)ANTHRACENE	240	UJ	Y
BENZO(A)PYRENE	240	UJ	Y
BENZO(B)FLUORANTHENE	240	UJ	Y
BENZO(G,H,I)PERYLENE	240	UJ	Y
BENZO(K)FLUORANTHENE	240	UJ	Y
BENZOIC ACID	590	UJ	Y
BENZYL ALCOHOL	590	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	590	UJ	Y
BIS(2-CHLOROETHYL)ETHER	590	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	590	UJ	Y
BUTYL BENZYL PHTHALATE	590	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	590	UJ	Y
CHRYSENE	240	UJ	Y
DIALLATE	590	UJ	Y
DIBENZO(A,H)ANTHRACENE	240	UJ	Y
DIBENZOFURAN	590	UJ	Y
DIETHYL PHTHALATE	590	UJ	Y
DIMETHOATE	590	UJ	Y
DIMETHYL PHTHALATE	590	UJ	Y
DI-N-BUTYL PHTHALATE	590	UJ	Y
DI-N-OCTYL PHTHALATE	590	UJ	Y
DINOSEB	590	UJ	Y
DIPHENYLAMINE	590	UJ	Y
DISULFOTON	590	UJ	Y
ETHYL METHANE SULFONATE	590	UJ	Y
ETHYL PARATHION	590	UJ	Y
FAMPHUR	590	UJ	Y
FLUORANTHENE	240	UJ	Y
FLUORENE	240	UJ	Y
HEXACHLOROBENZENE	590	UJ	Y
HEXACHLOROBUTADIENE	590	UJ	Y
HEXACHLOROCYCLOPENTADIENE	590	UJ	Y
HEXACHLOROETHANE	590	UJ	Y
HEXACHLOROPHENE	590	UR	C
HEXACHLOROPROPENE	590	UJ	Y
INDENO(1,2,3-CD)PYRENE	240	UJ	Y
ISODRIN	590	UJ	Y
ISOPHORONE	590	UJ	Y
ISOSAFROLE	590	UJ	Y
KEPONE	590	UJ	Y
METHAPYRILENE	590	UJ	Y
METHYL METHANE SULFONATE	590	UJ	Y
METHYL PARATHION	590	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-02-00-1106	nsample	S5-SD-03-00-1106	nsample	S5-SD-03-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-35	lab_id	0611056-36	lab_id	0611056-36
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	33.0	Pct_Solids	33.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	240	UJ	Y
NITROBENZENE	590	UJ	Y
N-NITROSODIETHYLAMINE	590	UJ	Y
N-NITROSODIMETHYLAMINE	590	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	590	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	590	UJ	Y
N-NITROSODIPHENYLAMINE	590	UJ	Y
N-NITROSOMETHYLETHYLAMINE	590	UJ	Y
N-NITROSOMORPHOLINE	590	UJ	Y
N-NITROSOPIPERIDINE	590	UJ	Y
N-NITROSOPYRROLIDINE	590	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	590	UJ	Y
O-TOLUIDINE	590	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	590	UJ	Y
PENTACHLOROBENZENE	590	UJ	Y
PENTACHLOROETHANE	590	UJ	Y
PENTACHLORONITROBENZENE	590	UJ	Y
PENTACHLOROPHENOL	590	UJ	Y
PHENACETIN	590	UJ	Y
PHENANTHRENE	240	UJ	Y
PHENOL	590	UJ	Y
PHORATE	590	UJ	Y
PRONAMIDE	590	UJ	Y
PYRENE	240	UJ	Y
PYRIDINE	590	UJ	Y
SAFROLE	590	UJ	Y
SULFOTEPP	590	UJ	Y
THIONAZIN	590	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	290	U	
1,2,4-TRICHLOROBENZENE	290	U	
1,2-DICHLOROBENZENE	290	U	
1,3,5-TRINITROBENZENE	290	U	
1,3-DICHLOROBENZENE	290	U	
1,3-DINITROBENZENE	290	U	
1,4-DICHLOROBENZENE	290	U	
1,4-NAPHTHOQUINONE	290	U	
1,4-PHENYLENEDIAMINE	290	U	
1-NAPHTHYLAMINE	290	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	290	U	
2,3,4,6-TETRACHLOROPHENOL	290	U	
2,4,5-TRICHLOROPHENOL	290	U	
2,4,6-TRICHLOROPHENOL	290	U	
2,4-DICHLOROPHENOL	290	U	
2,4-DIMETHYLPHENOL	290	U	
2,4-DINITROPHENOL	290	U	
2,4-DINITROTOLUENE	290	U	
2,6-DICHLOROPHENOL	290	U	
2,6-DINITROTOLUENE	290	U	
2-ACETYLAMINOFLUORENE	290	U	
2-CHLORONAPHTHALENE	290	U	
2-CHLOROPHENOL	290	U	
2-METHYLNAPHTHALENE	120	U	
2-METHYLPHENOL	290	U	
2-NAPHTHYLAMINE	290	U	
2-NITROANILINE	290	U	
2-NITROPHENOL	290	U	
2-PICOLINE	290	U	
3,3'-DICHLOROBENZIDINE	440	U	
3,3'-DIMETHYLBENZIDINE	290	U	
3-METHYLCHOLANTHRENE	290	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	290	U	
3-NITROANILINE	290	U	
4,6-DINITRO-2-METHYLPHENOL	290	U	
4-AMINOBIPHENYL	290	U	
4-BROMOPHENYL PHENYL ETHER	290	U	
4-CHLORO-3-METHYLPHENOL	290	U	
4-CHLOROANILINE	290	U	
4-CHLOROPHENYL PHENYL ETHER	290	U	
4-METHYLPHENOL	290	U	
4-NITROANILINE	290	U	
4-NITROPHENOL	290	U	
4-NITROQUINOLINE-1-OXIDE	290	UR	C
5-NITRO-O-TOLUIDINE	290	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	290	U	
A,A-DIMETHYLPHENETHYLAMINE	290	U	
ACENAPHTHENE	120	U	
ACENAPHTHYLENE	120	U	
ACETOPHENONE	290	U	
ANILINE	290	U	
ANTHRACENE	120	U	
ARAMITE	290	U	
BENZO(A)ANTHRACENE	120	U	
BENZO(A)PYRENE	120	U	
BENZO(B)FLUORANTHENE	120	U	
BENZO(G,H,I)PERYLENE	120	U	
BENZO(K)FLUORANTHENE	120	U	
BENZOIC ACID	290	U	
BENZYL ALCOHOL	290	U	
BIS(2-CHLOROETHOXY)METHANE	290	U	
BIS(2-CHLOROETHYL)ETHER	290	U	
BIS(2-ETHYLHEXYL)PHTHALATE	290	U	
BUTYL BENZYL PHTHALATE	290	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-03-00-1106	nsample	S5-SD-03-00-1106	nsample	S5-SD-04-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-36	lab_id	0611056-36	lab_id	0611056-37
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	33.0	Pct_Solids	33.0	Pct_Solids	44.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	290	U	
CHRYSENE	120	U	
DIALLATE	290	U	
DIBENZO(A,H)ANTHRACENE	120	U	
DIBENZOFURAN	290	U	
DIETHYL PHTHALATE	290	U	
DIMETHOATE	290	U	
DIMETHYL PHTHALATE	290	U	
DI-N-BUTYL PHTHALATE	290	U	
DI-N-OCTYL PHTHALATE	290	U	
DINOSEB	290	U	
DIPHENYLAMINE	290	U	
DISULFOTON	290	U	
ETHYL METHANE SULFONATE	290	U	
ETHYL PARATHION	290	U	
FAMPHUR	290	U	
FLUORANTHENE	120	U	
FLUORENE	120	U	
HEXACHLOROBENZENE	290	U	
HEXACHLOROBUTADIENE	290	U	
HEXACHLOROCYCLOPENTADIENE	290	U	
HEXACHLOROETHANE	290	U	
HEXACHLOROPHENE	290	UR	C
HEXACHLOROPROPENE	290	U	
INDENO(1,2,3-CD)PYRENE	120	U	
ISODRIN	290	U	
ISOPHORONE	290	U	
ISOSAFROLE	290	U	
KEPONE	290	U	
METHAPYRILENE	290	U	
METHYL METHANE SULFONATE	290	U	
METHYL PARATHION	290	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	120	U	
NITROBENZENE	290	U	
N-NITROSODIETHYLAMINE	290	U	
N-NITROSODIMETHYLAMINE	290	U	
N-NITROSO-DI-N-BUTYLAMINE	290	U	
N-NITROSO-DI-N-PROPYLAMINE	290	U	
N-NITROSODIPHENYLAMINE	290	U	
N-NITROSOMETHYLETHYLAMINE	290	U	
N-NITROSOMORPHOLINE	290	U	
N-NITROSOPIPERIDINE	290	U	
N-NITROSOPYRROLIDINE	290	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	290	U	
O-TOLUIDINE	290	U	
P-(DIMETHYLAMINO)AZOBENZENE	290	U	
PENTACHLOROBENZENE	290	U	
PENTACHLOROETHANE	290	U	
PENTACHLORONITROBENZENE	290	U	
PENTACHLOROPHENOL	290	U	
PHENACETIN	290	U	
PHENANTHRENE	120	U	
PHENOL	290	U	
PHORATE	290	U	
PRONAMIDE	290	U	
PYRENE	120	U	
PYRIDINE	290	U	
SAFROLE	290	U	
SULFOTEPP	290	U	
THIONAZIN	290	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	220	U	
1,2,4-TRICHLOROBENZENE	220	U	
1,2-DICHLOROBENZENE	220	U	
1,3,5-TRINITROBENZENE	220	U	
1,3-DICHLOROBENZENE	220	U	
1,3-DINITROBENZENE	220	U	
1,4-DICHLOROBENZENE	220	U	
1,4-NAPHTHOQUINONE	220	U	
1,4-PHENYLENEDIAMINE	220	U	
1-NAPHTHYLAMINE	220	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	220	U	
2,3,4,6-TETRACHLOROPHENOL	220	U	
2,4,5-TRICHLOROPHENOL	220	U	
2,4,6-TRICHLOROPHENOL	220	U	
2,4-DICHLOROPHENOL	220	U	
2,4-DIMETHYLPHENOL	220	U	
2,4-DINITROPHENOL	220	U	
2,4-DINITROTOLUENE	220	U	
2,6-DICHLOROPHENOL	220	U	
2,6-DINITROTOLUENE	220	U	
2-ACETYLAMINOFLUORENE	220	U	
2-CHLORONAPHTHALENE	220	U	
2-CHLOROPHENOL	220	U	
2-METHYLNAPHTHALENE	89	U	
2-METHYLPHENOL	220	U	
2-NAPHTHYLAMINE	220	U	
2-NITROANILINE	220	U	
2-NITROPHENOL	220	U	
2-PICOLINE	220	U	
3,3'-DICHLOROBENZIDINE	340	U	
3,3'-DIMETHYLBENZIDINE	220	U	
3-METHYLCHOLANTHRENE	220	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-04-00-1106	nsample	S5-SD-04-00-1106	nsample	S5-SD-04-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-37	lab_id	0611056-37	lab_id	0611056-37
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	44.0	Pct_Solids	44.0	Pct_Solids	44.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	220	U	
3-NITROANILINE	220	U	
4,6-DINITRO-2-METHYLPHENOL	220	U	
4-AMINOBIPHENYL	220	U	
4-BROMOPHENYL PHENYL ETHER	220	U	
4-CHLORO-3-METHYLPHENOL	220	U	
4-CHLOROANILINE	220	U	
4-CHLOROPHENYL PHENYL ETHER	220	U	
4-METHYLPHENOL	220	U	
4-NITROANILINE	220	U	
4-NITROPHENOL	220	U	
4-NITROQUINOLINE-1-OXIDE	220	UR	C
5-NITRO-O-TOLUIDINE	220	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	220	U	
A,A-DIMETHYLPHENETHYLAMINE	220	U	
ACENAPHTHENE	89	U	
ACENAPHTHYLENE	89	U	
ACETOPHENONE	220	U	
ANILINE	220	U	
ANTHRACENE	89	U	
ARAMITE	220	U	
BENZO(A)ANTHRACENE	89	U	
BENZO(A)PYRENE	89	U	
BENZO(B)FLUORANTHENE	89	U	
BENZO(G,H,I)PERYLENE	89	U	
BENZO(K)FLUORANTHENE	89	U	
BENZOIC ACID	220	U	
BENZYL ALCOHOL	220	U	
BIS(2-CHLOROETHOXY)METHANE	220	U	
BIS(2-CHLOROETHYL)ETHER	220	U	
BIS(2-ETHYLHEXYL)PHTHALATE	220	U	
BUTYL BENZYL PHTHALATE	220	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	220	U	
CHRYSENE	89	U	
DIALLATE	220	U	
DIBENZO(A,H)ANTHRACENE	89	U	
DIBENZOFURAN	220	U	
DIETHYL PHTHALATE	220	U	
DIMETHOATE	220	U	
DIMETHYL PHTHALATE	220	U	
DI-N-BUTYL PHTHALATE	220	U	
DI-N-OCTYL PHTHALATE	220	U	
DINOSEB	220	U	
DIPHENYLAMINE	220	U	
DISULFOTON	220	U	
ETHYL METHANE SULFONATE	220	U	
ETHYL PARATHION	220	U	
FAMPHUR	220	U	
FLUORANTHENE	89	U	
FLUORENE	89	U	
HEXACHLOROBENZENE	220	U	
HEXACHLOROBUTADIENE	220	U	
HEXACHLOROCYCLOPENTADIENE	220	U	
HEXACHLOROETHANE	220	U	
HEXACHLOROPHENE	220	UR	C
HEXACHLOROPROPENE	220	U	
INDENO(1,2,3-CD)PYRENE	89	U	
ISODRIN	220	U	
ISOPHORONE	220	U	
ISOSAFROLE	220	U	
KEPONE	220	U	
METHAPYRILENE	220	U	
METHYL METHANE SULFONATE	220	U	
METHYL PARATHION	220	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	89	U	
NITROBENZENE	220	U	
N-NITROSODIETHYLAMINE	220	U	
N-NITROSODIMETHYLAMINE	220	U	
N-NITROSO-DI-N-BUTYLAMINE	220	U	
N-NITROSO-DI-N-PROPYLAMINE	220	U	
N-NITROSODIPHENYLAMINE	220	U	
N-NITROSOMETHYLETHYLAMINE	220	U	
N-NITROSOMORPHOLINE	220	U	
N-NITROSOPIPERIDINE	220	U	
N-NITROSOPYRROLIDINE	220	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	220	U	
O-TOLUIDINE	220	U	
P-(DIMETHYLAMINO)AZOBENZENE	220	U	
PENTACHLOROBENZENE	220	U	
PENTACHLOROETHANE	220	U	
PENTACHLORONITROBENZENE	220	U	
PENTACHLOROPHENOL	220	U	
PHENACETIN	220	U	
PHENANTHRENE	89	U	
PHENOL	220	U	
PHORATE	220	U	
PRONAMIDE	220	U	
PYRENE	89	U	
PYRIDINE	220	U	
SAFROLE	220	U	
SULFOTEPP	220	U	
THIONAZIN	220	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-05-00-1106	nsample	S5-SD-05-00-1106	nsample	S5-SD-05-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-38	lab_id	0611056-38	lab_id	0611056-38
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	48.0	Pct_Solids	48.0	Pct_Solids	48.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	
1,2,4-TRICHLOROBENZENE	200	U	
1,2-DICHLOROBENZENE	200	U	
1,3,5-TRINITROBENZENE	200	U	
1,3-DICHLOROBENZENE	200	U	
1,3-DINITROBENZENE	200	U	
1,4-DICHLOROBENZENE	200	U	
1,4-NAPHTHOQUINONE	200	U	
1,4-PHENYLENEDIAMINE	200	U	
1-NAPHTHYLAMINE	200	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	200	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	
2,4,5-TRICHLOROPHENOL	200	U	
2,4,6-TRICHLOROPHENOL	200	U	
2,4-DICHLOROPHENOL	200	U	
2,4-DIMETHYLPHENOL	200	U	
2,4-DINITROPHENOL	200	U	
2,4-DINITROTOLUENE	200	U	
2,6-DICHLOROPHENOL	200	U	
2,6-DINITROTOLUENE	200	U	
2-ACETYLAMINOFLUORENE	200	U	
2-CHLORONAPHTHALENE	200	U	
2-CHLOROPHENOL	200	U	
2-METHYLNAPHTHALENE	79	U	
2-METHYLPHENOL	200	U	
2-NAPHTHYLAMINE	200	U	
2-NITROANILINE	200	U	
2-NITROPHENOL	200	U	
2-PICOLINE	200	U	
3,3'-DICHLOROBENZIDINE	300	U	
3,3'-DIMETHYLBENZIDINE	200	U	
3-METHYLCHOLANTHRENE	200	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	200	U	
3-NITROANILINE	200	U	
4,6-DINITRO-2-METHYLPHENOL	200	U	
4-AMINOBIPHENYL	200	U	
4-BROMOPHENYL PHENYL ETHER	200	U	
4-CHLORO-3-METHYLPHENOL	200	U	
4-CHLOROANILINE	200	U	
4-CHLOROPHENYL PHENYL ETHER	200	U	
4-METHYLPHENOL	200	U	
4-NITROANILINE	200	U	
4-NITROPHENOL	200	U	
4-NITROQUINOLINE-1-OXIDE	200	UR	C
5-NITRO-O-TOLUIDINE	200	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	
ACENAPHTHENE	79	U	
ACENAPHTHYLENE	79	U	
ACETOPHENONE	200	U	
ANILINE	200	U	
ANTHRACENE	79	U	
ARAMITE	200	U	
BENZO(A)ANTHRACENE	79	U	
BENZO(A)PYRENE	79	U	
BENZO(B)FLUORANTHENE	79	U	
BENZO(G,H,I)PERYLENE	79	U	
BENZO(K)FLUORANTHENE	79	U	
BENZOIC ACID	200	U	
BENZYL ALCOHOL	200	U	
BIS(2-CHLOROETHOXY)METHANE	200	U	
BIS(2-CHLOROETHYL)ETHER	200	U	
BIS(2-ETHYLHEXYL)PHTHALATE	200	U	
BUTYL BENZYL PHTHALATE	200	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	200	U	
CHRYSENE	79	U	
DIALLATE	200	U	
DIBENZO(A,H)ANTHRACENE	79	U	
DIBENZOFURAN	200	U	
DIETHYL PHTHALATE	200	U	
DIMETHOATE	200	U	
DIMETHYL PHTHALATE	200	U	
DI-N-BUTYL PHTHALATE	200	U	
DI-N-OCTYL PHTHALATE	200	U	
DINOSEB	200	U	
DIPHENYLAMINE	200	U	
DISULFOTON	200	U	
ETHYL METHANE SULFONATE	200	U	
ETHYL PARATHION	200	U	
FAMPHUR	200	U	
FLUORANTHENE	79	U	
FLUORENE	79	U	
HEXACHLOROBENZENE	200	U	
HEXACHLOROBUTADIENE	200	U	
HEXACHLOROCYCLOPENTADIENE	200	U	
HEXACHLOROETHANE	200	U	
HEXACHLOROPHENE	200	UR	C
HEXACHLOROPROPENE	200	U	
INDENO(1,2,3-CD)PYRENE	79	U	
ISODRIN	200	U	
ISOPHORONE	200	U	
ISOSAFROLE	200	U	
KEPONE	200	U	
METHAPYRILENE	200	U	
METHYL METHANE SULFONATE	200	U	
METHYL PARATHION	200	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-05-00-1106
samp_date	11/6/2006
lab_id	0611056-38
qc_type	NM
units	UG/KG
Pct_Solids	48.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	79	U	
NITROBENZENE	200	U	
N-NITROSODIETHYLAMINE	200	U	
N-NITROSODIMETHYLAMINE	200	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	
N-NITROSO-DI-N-PROPYLAMINE	200	U	
N-NITROSODIPHENYLAMINE	200	U	
N-NITROSOMETHYLETHYLAMINE	200	U	
N-NITROSOMORPHOLINE	200	U	
N-NITROSOPIPERIDINE	200	U	
N-NITROSOPYRROLIDINE	200	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	200	U	
O-TOLUIDINE	200	U	
P-(DIMETHYLAMINO)AZOBENZENE	200	U	
PENTACHLOROBENZENE	200	U	
PENTACHLOROETHANE	200	U	
PENTACHLORONITROBENZENE	200	U	
PENTACHLOROPHENOL	200	U	
PHENACETIN	200	U	
PHENANTHRENE	79	U	
PHENOL	200	U	
PHORATE	200	U	
PRONAMIDE	200	U	
PYRENE	79	U	
PYRIDINE	200	U	
SAFROLE	200	U	
SULFOTEPP	200	U	
THIONAZIN	200	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1FD11040602	nsample	S1-SD-01-00-1106	nsample	S1-SD-02-00-1106
samp_date	11/4/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611056-10	lab_id	0611056-01	lab_id	0611056-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	56.0	Pct_Solids	73.0
DUP_OF:	S1-SD-09-00-1106	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	36	J	CY
4,4'-DDE	37	J	CY
4,4'-DDT	21	J	CGY
ALDRIN	1.3	UJ	Y
ALPHA-BHC	1.3	UJ	Y
BETA-BHC	3.9	J	GPY
DELTA-BHC	1.3	UJ	Y
DIELDRIN	2	UJ	Y
ENDOSULFAN I	1.3	UJ	Y
ENDOSULFAN II	12	J	CY
ENDOSULFAN SULFATE	4.1	J	CY
ENDRIN	7.6	J	CY
ENDRIN ALDEHYDE	2.3	R	U
GAMMA-BHC (LINDANE)	1.3	UJ	Y
HEPTACHLOR	1.3	UJ	Y
HEPTACHLOR EPOXIDE	7.9	J	CY
METHOXYCHLOR	43	R	U
TOXAPHENE	130	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	90		
4,4'-DDE	270		
4,4'-DDT	40	J	C
ALDRIN	0.39	U	
ALPHA-BHC	15		
BETA-BHC	6.2		
DELTA-BHC	0.86	J	P
DIELDRIN	0.58	U	
ENDOSULFAN I	0.43	R	U
ENDOSULFAN II	3.6		
ENDOSULFAN SULFATE	4.4		
ENDRIN	4.2	R	U
ENDRIN ALDEHYDE	0.58	U	
GAMMA-BHC (LINDANE)	4		
HEPTACHLOR	0.39	U	
HEPTACHLOR EPOXIDE	0.39	U	
METHOXYCHLOR	4.6	R	U
TOXAPHENE	39	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	18		
4,4'-DDE	310		
4,4'-DDT	42	J	C
ALDRIN	0.29	U	
ALPHA-BHC	0.49	J	P
BETA-BHC	7.5		
DELTA-BHC	0.59	J	P
DIELDRIN	0.44	U	
ENDOSULFAN I	1.6		
ENDOSULFAN II	3.1	R	U
ENDOSULFAN SULFATE	16		
ENDRIN	5.6	R	U
ENDRIN ALDEHYDE	16		
GAMMA-BHC (LINDANE)	1.1		
HEPTACHLOR	0.29	U	
HEPTACHLOR EPOXIDE	0.29	U	
METHOXYCHLOR	6.3	R	U
TOXAPHENE	29	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-03-00-1106	nsample	S1-SD-04-00-1106	nsample	S1-SD-05-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611056-03	lab_id	0611056-04	lab_id	0611056-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	11.0	Pct_Solids	12.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	6.6		
4,4'-DDE	43		
4,4'-DDT	7.7	J	C
ALDRIN	0.56	U	
ALPHA-BHC	0.56	U	
BETA-BHC	1.7		
DELTA-BHC	0.56	U	
DIELDRIN	0.84	U	
ENDOSULFAN I	0.56	U	
ENDOSULFAN II	0.84	U	
ENDOSULFAN SULFATE	0.84	U	
ENDRIN	4.4		
ENDRIN ALDEHYDE	0.84	U	
GAMMA-BHC (LINDANE)	0.56	U	
HEPTACHLOR	0.56	U	
HEPTACHLOR EPOXIDE	0.56	U	
METHOXYCHLOR	1.6	J	C
TOXAPHENE	56	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	7.9	J	PY
4,4'-DDE	26	J	Y
4,4'-DDT	11	J	CPY
ALDRIN	2	UJ	Y
ALPHA-BHC	2	UJ	Y
BETA-BHC	2	UJ	Y
DELTA-BHC	2	UJ	Y
DIELDRIN	3	UJ	Y
ENDOSULFAN I	2	UJ	Y
ENDOSULFAN II	6.3	J	PY
ENDOSULFAN SULFATE	3	UJ	Y
ENDRIN	3	UJ	Y
ENDRIN ALDEHYDE	3	UJ	Y
GAMMA-BHC (LINDANE)	2	UJ	Y
HEPTACHLOR	2	UJ	Y
HEPTACHLOR EPOXIDE	2.1	R	U
METHOXYCHLOR	41	J	CY
TOXAPHENE	200	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	24	J	Y
4,4'-DDE	36	J	Y
4,4'-DDT	22	J	CY
ALDRIN	1.7	UJ	Y
ALPHA-BHC	1.7	UJ	Y
BETA-BHC	1.7	UJ	Y
DELTA-BHC	1.7	UJ	Y
DIELDRIN	2.6	UJ	Y
ENDOSULFAN I	1.7	UJ	Y
ENDOSULFAN II	13	J	Y
ENDOSULFAN SULFATE	2.6	UJ	Y
ENDRIN	2.6	UJ	Y
ENDRIN ALDEHYDE	2.6	UJ	Y
GAMMA-BHC (LINDANE)	1.7	UJ	Y
HEPTACHLOR	1.7	UJ	Y
HEPTACHLOR EPOXIDE	2.5	R	U
METHOXYCHLOR	73	J	CY
TOXAPHENE	170	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-06-00-1106	nsample	S1-SD-07-00-1106	nsample	S1-SD-08-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-06	lab_id	0611056-07	lab_id	0611056-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	11.0	Pct_Solids	12.0	Pct_Solids	18.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	27	J	Y
4,4'-DDE	25	J	Y
4,4'-DDT	14	J	CY
ALDRIN	2	UJ	Y
ALPHA-BHC	2	UJ	Y
BETA-BHC	7.2	J	Y
DELTA-BHC	2	UJ	Y
DIELDRIN	3	UJ	Y
ENDOSULFAN I	2	UJ	Y
ENDOSULFAN II	12	R	U
ENDOSULFAN SULFATE	3	UJ	Y
ENDRIN	3	UJ	Y
ENDRIN ALDEHYDE	3.9	J	PY
GAMMA-BHC (LINDANE)	2	UJ	Y
HEPTACHLOR	2	UJ	Y
HEPTACHLOR EPOXIDE	2	UJ	Y
METHOXYCHLOR	20	R	U
TOXAPHENE	200	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	5.5	J	PY
4,4'-DDE	7.2	J	PY
4,4'-DDT	2.8	UJ	Y
ALDRIN	1.8	UJ	Y
ALPHA-BHC	1.8	UJ	Y
BETA-BHC	1.8	UJ	Y
DELTA-BHC	1.8	UJ	Y
DIELDRIN	2.8	UJ	Y
ENDOSULFAN I	1.8	UJ	Y
ENDOSULFAN II	3.4	J	PY
ENDOSULFAN SULFATE	2.8	UJ	Y
ENDRIN	2.8	UJ	Y
ENDRIN ALDEHYDE	2.8	UJ	Y
GAMMA-BHC (LINDANE)	1.8	UJ	Y
HEPTACHLOR	1.8	UJ	Y
HEPTACHLOR EPOXIDE	5	J	PY
METHOXYCHLOR	44	J	CY
TOXAPHENE	180	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	23	R	U
4,4'-DDE	29	J	Y
4,4'-DDT	39	R	U
ALDRIN	1.2	UJ	Y
ALPHA-BHC	8.6	J	Y
BETA-BHC	180	J	Y
DELTA-BHC	42	J	Y
DIELDRIN	19	R	U
ENDOSULFAN I	1.2	UJ	Y
ENDOSULFAN II	51	R	U
ENDOSULFAN SULFATE	1.9	UJ	Y
ENDRIN	1.9	UJ	Y
ENDRIN ALDEHYDE	26	R	U
GAMMA-BHC (LINDANE)	54	J	Y
HEPTACHLOR	1.2	UJ	Y
HEPTACHLOR EPOXIDE	13	J	Y
METHOXYCHLOR	180	R	U
TOXAPHENE	10000	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-09-00-1106	nsample	S2FD11050601	nsample	S2-SS-01-00-1106
samp_date	11/4/2006	samp_date	11/5/2006	samp_date	11/4/2006
lab_id	0611056-09	lab_id	0611056-33	lab_id	0611056-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	72.0	Pct_Solids	67.0
DUP_OF:		DUP_OF:	S2-SS-13-00-1106	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	41	J	Y
4,4'-DDE	47	J	Y
4,4'-DDT	52	J	CGY
ALDRIN	1.3	UJ	Y
ALPHA-BHC	1.3	UJ	Y
BETA-BHC	9.9	J	GY
DELTA-BHC	1.3	UJ	Y
DIELDRIN	2	UJ	Y
ENDOSULFAN I	3.3	J	PY
ENDOSULFAN II	8.5	R	U
ENDOSULFAN SULFATE	5.1	R	U
ENDRIN	8.8	J	Y
ENDRIN ALDEHYDE	2	UJ	Y
GAMMA-BHC (LINDANE)	1.8	R	U
HEPTACHLOR	1.3	UJ	Y
HEPTACHLOR EPOXIDE	2.5	R	U
METHOXYCHLOR	53	R	U
TOXAPHENE	130	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	3.2		
4,4'-DDE	120	J	G
4,4'-DDT	4.8	U	A
ALDRIN	0.3	U	
ALPHA-BHC	0.3	U	
BETA-BHC	0.3	U	
DELTA-BHC	0.3	U	
DIELDRIN	0.58	R	U
ENDOSULFAN I	0.3	U	
ENDOSULFAN II	0.45	U	
ENDOSULFAN SULFATE	0.45	U	
ENDRIN	0.45	U	
ENDRIN ALDEHYDE	1.4	J	P
GAMMA-BHC (LINDANE)	0.3	U	
HEPTACHLOR	0.3	U	
HEPTACHLOR EPOXIDE	0.3	U	
METHOXYCHLOR	0.84	R	U
TOXAPHENE	30	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	4.4	J	C
4,4'-DDE	64	J	C
4,4'-DDT	4.9	J	C
ALDRIN	0.31	U	
ALPHA-BHC	0.31	U	
BETA-BHC	0.31	U	
DELTA-BHC	0.31	U	
DIELDRIN	0.47	U	
ENDOSULFAN I	0.31	U	
ENDOSULFAN II	5.7	J	C
ENDOSULFAN SULFATE	0.47	U	
ENDRIN	0.47	U	
ENDRIN ALDEHYDE	18	J	C
GAMMA-BHC (LINDANE)	0.31	U	
HEPTACHLOR	0.31	U	
HEPTACHLOR EPOXIDE	0.31	U	
METHOXYCHLOR	4.2	R	U
TOXAPHENE	31	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-02-00-1106	nsample	S2-SS-03-00-1106	nsample	S2-SS-04-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611056-12	lab_id	0611056-13	lab_id	0611056-14
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	66.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	11	J	C
4,4'-DDE	14	J	C
4,4'-DDT	27	J	C
ALDRIN	0.27	U	
ALPHA-BHC	0.27	U	
BETA-BHC	0.27	U	
DELTA-BHC	0.27	U	
DIELDRIN	0.4	U	
ENDOSULFAN I	0.27	U	
ENDOSULFAN II	0.4	U	
ENDOSULFAN SULFATE	0.4	U	
ENDRIN	0.4	U	
ENDRIN ALDEHYDE	0.91	J	C
GAMMA-BHC (LINDANE)	0.27	U	
HEPTACHLOR	0.27	U	
HEPTACHLOR EPOXIDE	0.27	U	
METHOXYCHLOR	0.86	R	U
TOXAPHENE	27	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	21	J	C
4,4'-DDE	240	J	C
4,4'-DDT	44	J	C
ALDRIN	0.33	U	
ALPHA-BHC	0.33	U	
BETA-BHC	1.1		
DELTA-BHC	0.33	U	
DIELDRIN	5.7	R	U
ENDOSULFAN I	1.2	J	C
ENDOSULFAN II	1.1	R	U
ENDOSULFAN SULFATE	0.5	U	
ENDRIN	1	R	U
ENDRIN ALDEHYDE	14	J	C
GAMMA-BHC (LINDANE)	0.33	U	
HEPTACHLOR	0.33	U	
HEPTACHLOR EPOXIDE	0.33	U	
METHOXYCHLOR	7.2	R	U
TOXAPHENE	33	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	31	J	C
4,4'-DDE	82	J	C
4,4'-DDT	38	J	C
ALDRIN	0.26	U	
ALPHA-BHC	0.26	U	
BETA-BHC	0.67	J	P
DELTA-BHC	0.26	U	
DIELDRIN	0.4	U	
ENDOSULFAN I	0.49	J	CP
ENDOSULFAN II	1.2	J	CP
ENDOSULFAN SULFATE	1.1	J	CP
ENDRIN	0.85	R	U
ENDRIN ALDEHYDE	1.1	J	CP
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.26	U	
HEPTACHLOR EPOXIDE	0.26	U	
METHOXYCHLOR	0.26	U	
TOXAPHENE	26	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-05-00-1106	nsample	S2-SS-06-00-1106	nsample	S2-SS-07-00-1106
samp_date	11/4/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-15	lab_id	0611056-16	lab_id	0611056-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	65.0	Pct_Solids	80.0	Pct_Solids	35.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	3	J	C
4,4'-DDE	3.4	J	C
4,4'-DDT	3.5	J	C
ALDRIN	0.33	U	
ALPHA-BHC	0.33	U	
BETA-BHC	0.33	U	
DELTA-BHC	0.33	U	
DIELDRIN	0.5	U	
ENDOSULFAN I	0.41	J	C
ENDOSULFAN II	3.3	J	C
ENDOSULFAN SULFATE	0.81	J	CP
ENDRIN	1.3	J	CP
ENDRIN ALDEHYDE	3.9	J	C
GAMMA-BHC (LINDANE)	0.33	U	
HEPTACHLOR	0.33	U	
HEPTACHLOR EPOXIDE	0.33	U	
METHOXYCHLOR	1.5	R	U
TOXAPHENE	33	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	1.8	J	C
4,4'-DDE	4.2	J	C
4,4'-DDT	0.57	U	A
ALDRIN	0.26	U	
ALPHA-BHC	0.26	U	
BETA-BHC	0.26	U	
DELTA-BHC	0.26	U	
DIELDRIN	0.4	U	
ENDOSULFAN I	0.26	U	
ENDOSULFAN II	0.4	U	
ENDOSULFAN SULFATE	1.2	J	CP
ENDRIN	0.79	R	U
ENDRIN ALDEHYDE	0.52	J	CP
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.26	U	
HEPTACHLOR EPOXIDE	0.26	U	
METHOXYCHLOR	0.86	R	U
TOXAPHENE	26	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	13	J	C
4,4'-DDE	23	J	C
4,4'-DDT	7.4	U	A
ALDRIN	0.62	U	
ALPHA-BHC	1.8	J	P
BETA-BHC	1.6	J	P
DELTA-BHC	2.3		
DIELDRIN	2.8	R	U
ENDOSULFAN I	2.5	J	C
ENDOSULFAN II	11	J	C
ENDOSULFAN SULFATE	7.4	J	C
ENDRIN	5.5	R	U
ENDRIN ALDEHYDE	3.2	R	U
GAMMA-BHC (LINDANE)	0.62	U	
HEPTACHLOR	0.93	J	P
HEPTACHLOR EPOXIDE	0.76	R	U
METHOXYCHLOR	6.4	R	U
TOXAPHENE	62	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-08-00-1106	nsample	S2-SS-09-00-1106	nsample	S2-SS-10-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-18	lab_id	0611056-19	lab_id	0611056-20
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	55.0	Pct_Solids	58.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.3	J	CP
4,4'-DDE	9.6	J	C
4,4'-DDT	2.6	U	A
ALDRIN	0.39	U	
ALPHA-BHC	0.39	U	
BETA-BHC	0.39	U	
DELTA-BHC	0.95	R	U
DIELDRIN	0.68	R	U
ENDOSULFAN I	0.39	U	
ENDOSULFAN II	1.4	R	U
ENDOSULFAN SULFATE	0.59	U	
ENDRIN	2.7	J	C
ENDRIN ALDEHYDE	0.59	U	
GAMMA-BHC (LINDANE)	0.43	R	U
HEPTACHLOR	0.61	J	P
HEPTACHLOR EPOXIDE	2.4	R	U
METHOXYCHLOR	11	R	U
TOXAPHENE	39	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	1.6	R	U
4,4'-DDE	190	J	C
4,4'-DDT	5.7	U	A
ALDRIN	0.37	U	
ALPHA-BHC	0.37	U	
BETA-BHC	0.86	R	U
DELTA-BHC	1.2	R	U
DIELDRIN	1.6	R	U
ENDOSULFAN I	1.7		
ENDOSULFAN II	3.1	R	U
ENDOSULFAN SULFATE	8.2		
ENDRIN	1.7	R	U
ENDRIN ALDEHYDE	17	J	C
GAMMA-BHC (LINDANE)	0.37	U	
HEPTACHLOR	4.2		
HEPTACHLOR EPOXIDE	24		
METHOXYCHLOR	16	R	U
TOXAPHENE	250	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	5.4		
4,4'-DDE	23		
4,4'-DDT	32		
ALDRIN	0.36	R	U
ALPHA-BHC	0.26	U	
BETA-BHC	0.26	U	
DELTA-BHC	0.44	J	P
DIELDRIN	0.4	U	
ENDOSULFAN I	0.7	J	P
ENDOSULFAN II	1.7		
ENDOSULFAN SULFATE	3.3		
ENDRIN	6.1		
ENDRIN ALDEHYDE	0.86	R	U
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.36	J	P
HEPTACHLOR EPOXIDE	1.3		
METHOXYCHLOR	3.4	R	U
TOXAPHENE	26	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-11-00-1106	nsample	S2-SS-12-00-1106	nsample	S2-SS-13-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-21	lab_id	0611056-22	lab_id	0611056-23
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	83.0	Pct_Solids	86.0	Pct_Solids	71.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2		
4,4'-DDE	5.9		
4,4'-DDT	0.86	U	A
ALDRIN	0.26	U	
ALPHA-BHC	0.26	U	
BETA-BHC	0.26	U	
DELTA-BHC	0.26	U	
DIELDRIN	0.39	U	
ENDOSULFAN I	0.26	U	
ENDOSULFAN II	0.39	U	
ENDOSULFAN SULFATE	0.39	U	
ENDRIN	1.7		
ENDRIN ALDEHYDE	0.39	U	
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.26	U	
HEPTACHLOR EPOXIDE	0.26	U	
METHOXYCHLOR	0.26	U	
TOXAPHENE	26	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.7		
4,4'-DDE	25		
4,4'-DDT	23		
ALDRIN	0.25	U	
ALPHA-BHC	0.25	U	
BETA-BHC	0.25	U	
DELTA-BHC	0.25	U	
DIELDRIN	0.38	U	
ENDOSULFAN I	0.25	U	
ENDOSULFAN II	0.38	U	
ENDOSULFAN SULFATE	0.38	U	
ENDRIN	1.1	R	U
ENDRIN ALDEHYDE	0.38	U	
GAMMA-BHC (LINDANE)	0.25	U	
HEPTACHLOR	0.25	U	
HEPTACHLOR EPOXIDE	0.25	U	
METHOXYCHLOR	0.25	U	
TOXAPHENE	25	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	3.3		
4,4'-DDE	210	J	G
4,4'-DDT	4.8	U	A
ALDRIN	0.3	U	
ALPHA-BHC	0.3	U	
BETA-BHC	0.3	U	
DELTA-BHC	0.3	U	
DIELDRIN	16	R	U
ENDOSULFAN I	0.3	U	
ENDOSULFAN II	0.46	U	
ENDOSULFAN SULFATE	0.46	U	
ENDRIN	0.46	U	
ENDRIN ALDEHYDE	0.46	U	
GAMMA-BHC (LINDANE)	0.3	U	
HEPTACHLOR	0.3	U	
HEPTACHLOR EPOXIDE	0.3	U	
METHOXYCHLOR	2.9	J	C
TOXAPHENE	30	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-14-00-1106	nsample	S2-SS-15-00-1106	nsample	S2-SS-16-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-24	lab_id	0611056-25	lab_id	0611056-26
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	64.0	Pct_Solids	91.0	Pct_Solids	75.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.51	U	
4,4'-DDE	6.4		
4,4'-DDT	4.7	U	A
ALDRIN	0.34	U	
ALPHA-BHC	0.34	U	
BETA-BHC	0.34	U	
DELTA-BHC	0.34	U	
DIELDRIN	0.51	U	
ENDOSULFAN I	0.34	U	
ENDOSULFAN II	0.6	R	U
ENDOSULFAN SULFATE	0.51	U	
ENDRIN	2	J	P
ENDRIN ALDEHYDE	0.51	U	
GAMMA-BHC (LINDANE)	0.34	U	
HEPTACHLOR	0.34	U	
HEPTACHLOR EPOXIDE	0.34	U	
METHOXYCHLOR	1.5	R	U
TOXAPHENE	34	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.35	U	
4,4'-DDE	1.7		
4,4'-DDT	1	U	A
ALDRIN	0.23	U	
ALPHA-BHC	0.23	U	
BETA-BHC	0.23	U	
DELTA-BHC	0.23	U	
DIELDRIN	0.35	U	
ENDOSULFAN I	0.23	U	
ENDOSULFAN II	0.35	U	
ENDOSULFAN SULFATE	0.35	U	
ENDRIN	0.35	U	
ENDRIN ALDEHYDE	0.35	U	
GAMMA-BHC (LINDANE)	0.23	U	
HEPTACHLOR	0.23	U	
HEPTACHLOR EPOXIDE	0.23	U	
METHOXYCHLOR	0.23	U	
TOXAPHENE	23	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.74	J	P
4,4'-DDE	4.3		
4,4'-DDT	4.3	U	A
ALDRIN	0.29	U	
ALPHA-BHC	0.29	U	
BETA-BHC	0.29	U	
DELTA-BHC	0.29	U	
DIELDRIN	0.44	U	
ENDOSULFAN I	0.29	U	
ENDOSULFAN II	0.44	U	
ENDOSULFAN SULFATE	0.44	U	
ENDRIN	0.71	J	P
ENDRIN ALDEHYDE	0.44	U	
GAMMA-BHC (LINDANE)	0.29	U	
HEPTACHLOR	0.29	U	
HEPTACHLOR EPOXIDE	0.29	U	
METHOXYCHLOR	0.29	U	
TOXAPHENE	29	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-17-00-1106	nsample	S2-SS-18-00-1106	nsample	S2-SS-19-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-27	lab_id	0611056-28	lab_id	0611056-29
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	76.0	Pct_Solids	91.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.98	J	P
4,4'-DDE	48		
4,4'-DDT	4.8	U	A
ALDRIN	0.26	U	
ALPHA-BHC	0.26	U	
BETA-BHC	0.26	U	
DELTA-BHC	0.26	U	
DIELDRIN	0.4	U	
ENDOSULFAN I	0.26	U	
ENDOSULFAN II	0.7	J	P
ENDOSULFAN SULFATE	1.8	J	P
ENDRIN	2.8		
ENDRIN ALDEHYDE	2.5		
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.26	U	
HEPTACHLOR EPOXIDE	0.26	U	
METHOXYCHLOR	0.26	U	
TOXAPHENE	26	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.42	U	
4,4'-DDE	2.2		
4,4'-DDT	3.8	U	A
ALDRIN	0.28	U	
ALPHA-BHC	0.28	U	
BETA-BHC	0.28	U	
DELTA-BHC	0.28	U	
DIELDRIN	0.42	U	
ENDOSULFAN I	0.28	U	
ENDOSULFAN II	0.42	U	
ENDOSULFAN SULFATE	0.42	U	
ENDRIN	2.6		
ENDRIN ALDEHYDE	3.2		
GAMMA-BHC (LINDANE)	0.28	U	
HEPTACHLOR	0.28	U	
HEPTACHLOR EPOXIDE	0.28	U	
METHOXYCHLOR	0.28	U	
TOXAPHENE	28	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	1.2	J	P
4,4'-DDE	14		
4,4'-DDT	9.9		
ALDRIN	0.23	U	
ALPHA-BHC	0.23	U	
BETA-BHC	0.23	U	
DELTA-BHC	0.23	U	
DIELDRIN	0.36	U	
ENDOSULFAN I	0.23	U	
ENDOSULFAN II	0.36	U	
ENDOSULFAN SULFATE	0.36	U	
ENDRIN	1.6		
ENDRIN ALDEHYDE	1.7	R	U
GAMMA-BHC (LINDANE)	0.23	U	
HEPTACHLOR	0.23	U	
HEPTACHLOR EPOXIDE	0.23	U	
METHOXYCHLOR	0.23	U	
TOXAPHENE	23	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SS-20-00-1106	nsample	S2-SS-21-00-1106	nsample	S2-SS-22-00-1106
samp_date	11/5/2006	samp_date	11/5/2006	samp_date	11/5/2006
lab_id	0611056-30	lab_id	0611056-31	lab_id	0611056-32
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	84.0	Pct_Solids	66.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	1.6		
4,4'-DDE	26		
4,4'-DDT	20		
ALDRIN	0.26	U	
ALPHA-BHC	0.26	U	
BETA-BHC	0.26	U	
DELTA-BHC	0.26	U	
DIELDRIN	0.4	U	
ENDOSULFAN I	0.26	U	
ENDOSULFAN II	0.44	J	P
ENDOSULFAN SULFATE	0.4	U	
ENDRIN	0.98	R	U
ENDRIN ALDEHYDE	1.8		
GAMMA-BHC (LINDANE)	0.26	U	
HEPTACHLOR	0.26	U	
HEPTACHLOR EPOXIDE	0.26	U	
METHOXYCHLOR	0.26	U	
TOXAPHENE	26	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	15		
4,4'-DDE	62		
4,4'-DDT	14		
ALDRIN	0.25	U	
ALPHA-BHC	0.25	U	
BETA-BHC	0.44	J	P
DELTA-BHC	0.25	U	
DIELDRIN	0.38	U	
ENDOSULFAN I	0.32	J	P
ENDOSULFAN II	0.42	R	U
ENDOSULFAN SULFATE	0.38	U	
ENDRIN	0.66	R	U
ENDRIN ALDEHYDE	1.5		
GAMMA-BHC (LINDANE)	0.25	U	
HEPTACHLOR	0.25	U	
HEPTACHLOR EPOXIDE	0.25	U	
METHOXYCHLOR	1.5	R	U
TOXAPHENE	25	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.87	J	P
4,4'-DDE	2		
4,4'-DDT	3.5	U	A
ALDRIN	0.32	U	
ALPHA-BHC	0.32	U	
BETA-BHC	0.32	U	
DELTA-BHC	0.32	U	
DIELDRIN	0.49	U	
ENDOSULFAN I	0.32	U	
ENDOSULFAN II	0.49	U	
ENDOSULFAN SULFATE	0.49	U	
ENDRIN	0.49	U	
ENDRIN ALDEHYDE	0.49	U	
GAMMA-BHC (LINDANE)	0.32	U	
HEPTACHLOR	0.32	U	
HEPTACHLOR EPOXIDE	0.32	U	
METHOXYCHLOR	0.32	U	
TOXAPHENE	32	U	

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S5FD11060602	nsample	S5-SD-01-00-1106	nsample	S5-SD-02-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-39	lab_id	0611056-34	lab_id	0611056-35
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	16.0	Pct_Solids	17.0	Pct_Solids	16.0
DUP_OF:	S5-SD-02-00-1106	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.1	UJ	Y
4,4'-DDE	2.1	UJ	Y
4,4'-DDT	2.1	UJ	Y
ALDRIN	1.4	UJ	Y
ALPHA-BHC	3	J	PY
BETA-BHC	3.6	R	U
DELTA-BHC	1.4	UJ	Y
DIELDRIN	2.1	UJ	Y
ENDOSULFAN I	1.4	UJ	Y
ENDOSULFAN II	2.1	UJ	Y
ENDOSULFAN SULFATE	2.1	UJ	Y
ENDRIN	2.1	UJ	Y
ENDRIN ALDEHYDE	2.1	UJ	Y
GAMMA-BHC (LINDANE)	3.2	J	PY
HEPTACHLOR	1.4	UJ	Y
HEPTACHLOR EPOXIDE	1.4	UJ	Y
METHOXYCHLOR	3.3	J	PY
TOXAPHENE	140	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	6.7	J	PY
4,4'-DDE	6.9	J	PY
4,4'-DDT	5.5	U	A
ALDRIN	1.3	UJ	Y
ALPHA-BHC	1.3	UJ	Y
BETA-BHC	8.4	J	Y
DELTA-BHC	3.8	J	PY
DIELDRIN	1.9	UJ	Y
ENDOSULFAN I	1.3	UJ	Y
ENDOSULFAN II	1.9	UJ	Y
ENDOSULFAN SULFATE	3.8	J	PY
ENDRIN	2.7	J	PY
ENDRIN ALDEHYDE	1.9	UJ	Y
GAMMA-BHC (LINDANE)	1.3	UJ	Y
HEPTACHLOR	1.3	UJ	Y
HEPTACHLOR EPOXIDE	3	J	PY
METHOXYCHLOR	4.4	J	Y
TOXAPHENE	130	UJ	Y

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2	UJ	Y
4,4'-DDE	2	UJ	Y
4,4'-DDT	2	UJ	Y
ALDRIN	1.3	UJ	Y
ALPHA-BHC	1.3	UJ	Y
BETA-BHC	2.4	R	U
DELTA-BHC	1.3	UJ	Y
DIELDRIN	2	UJ	Y
ENDOSULFAN I	1.3	UJ	Y
ENDOSULFAN II	2	UJ	Y
ENDOSULFAN SULFATE	2	UJ	Y
ENDRIN	2	UJ	Y
ENDRIN ALDEHYDE	2	UJ	Y
GAMMA-BHC (LINDANE)	1.3	UJ	Y
HEPTACHLOR	1.3	UJ	Y
HEPTACHLOR EPOXIDE	1.3	UJ	Y
METHOXYCHLOR	1.3	UJ	Y
TOXAPHENE	130	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST01 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S5-SD-03-00-1106	nsample	S5-SD-04-00-1106	nsample	S5-SD-05-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611056-36	lab_id	0611056-37	lab_id	0611056-38
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	33.0	Pct_Solids	44.0	Pct_Solids	48.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.98	U	
4,4'-DDE	3	J	P
4,4'-DDT	0.98	U	
ALDRIN	0.65	U	
ALPHA-BHC	0.65	U	
BETA-BHC	0.65	U	
DELTA-BHC	0.92	J	P
DIELDRIN	0.98	U	
ENDOSULFAN I	0.65	U	
ENDOSULFAN II	0.98	U	
ENDOSULFAN SULFATE	0.98	U	
ENDRIN	0.98	U	
ENDRIN ALDEHYDE	0.98	U	
GAMMA-BHC (LINDANE)	0.65	U	
HEPTACHLOR	0.65	U	
HEPTACHLOR EPOXIDE	0.65	U	
METHOXYCHLOR	0.65	U	
TOXAPHENE	65	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.73	U	
4,4'-DDE	1.4	J	P
4,4'-DDT	1.3	J	P
ALDRIN	0.48	U	
ALPHA-BHC	0.48	U	
BETA-BHC	0.48	U	
DELTA-BHC	0.68	J	P
DIELDRIN	0.73	U	
ENDOSULFAN I	0.48	U	
ENDOSULFAN II	0.73	U	
ENDOSULFAN SULFATE	0.73	U	
ENDRIN	0.73	U	
ENDRIN ALDEHYDE	0.73	U	
GAMMA-BHC (LINDANE)	0.93	J	P
HEPTACHLOR	0.48	U	
HEPTACHLOR EPOXIDE	0.48	U	
METHOXYCHLOR	0.48	U	
TOXAPHENE	48	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.67	U	
4,4'-DDE	0.67	U	
4,4'-DDT	0.67	U	
ALDRIN	0.44	U	
ALPHA-BHC	0.44	U	
BETA-BHC	0.44	U	
DELTA-BHC	0.44	U	
DIELDRIN	0.67	U	
ENDOSULFAN I	0.44	U	
ENDOSULFAN II	0.67	U	
ENDOSULFAN SULFATE	0.67	U	
ENDRIN	0.67	U	
ENDRIN ALDEHYDE	0.67	U	
GAMMA-BHC (LINDANE)	0.44	U	
HEPTACHLOR	0.44	U	
HEPTACHLOR EPOXIDE	0.44	U	
METHOXYCHLOR	0.44	U	
TOXAPHENE	44	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105610

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	230	1900		U
208-96-8	Acenaphthylene	230	1900	420	I
98-86-2	Acetophenone	580	1900		U
53-96-3	2-Acetylaminofluorene	580	1900		U
92-67-1	4-Aminobiphenyl	580	1900		U
62-53-3	Aniline	580	1900		U
140-57-8	Aramite	580	1900		U
120-12-7	Anthracene	230	1900		U
65-85-0	Benzoic acid	580	7800		U
56-55-3	Benzo(a)anthracene	230	1900	560	I
205-99-2	Benzo(b)fluoranthene	230	1900	1200	I
207-08-9	Benzo(k)fluoranthene	230	1900	1100	I
191-24-2	Benzo(g,h,i)perylene	230	1900	550	I
50-32-8	Benzo(a)pyrene	230	1900	1200	I
100-51-6	Benzyl alcohol	580	1900		U
111-91-1	bis(2-Chloroethoxy)methane	580	1900		U
111-44-4	bis(2-Chloroethyl)ether	580	1900		U
108-60-1	bis(2-Chloroisopropyl)ether	580	1900		U
117-81-7	Bis(2-ethylhexyl)phthalate	580	1900		U
101-55-3	4-Bromophenyl-phenylether	580	1900		U
85-68-7	Butylbenzylphthalate	580	1900		U
106-47-8	4-Chloroaniline	580	1900		U
510-15-6	Chlorobenzilate	580	1900		U
59-50-7	4-Chloro-3-methylphenol	580	1900		U
91-58-7	2-Chloronaphthalene	580	1900		U
95-57-8	2-Chlorophenol	580	1900		U
7005-72-3	4-Chlorophenyl-phenylether	580	1900		U
218-01-9	Chrysene	230	1900	1300	I
2303-16-4	Diallate	580	1900		U
53-70-3	Dibenz(a,h)anthracene	230	1900		U
132-64-9	Dibenzofuran	580	1900		U
91-94-1	3,3'-Dichlorobenzidine	870	1900		U
106-46-7	1,4-Dichlorobenzene	580	1900		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105610

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	580	1900		U
541-73-1	1,3-Dichlorobenzene	580	1900		U
120-83-2	2,4-Dichlorophenol	580	1900		U
87-65-0	2,6-Dichlorophenol	580	1900		U
84-66-2	Diethylphthalate	580	1900		U
60-51-5	Dimethoate	580	1900		U
60-11-7	p-(Dimethylamino)azobenzene	580	1900		U
57-97-6	7,12-Dimethylbenz[a]anthrace	580	1900		U
119-93-7	3,3'-Dimethylbenzidine	580	1900		U
122-09-8	a,a-Dimethyl-phenethylamine	580	1900		U
105-67-9	2,4-Dimethylphenol	580	7800		U
131-11-3	Dimethylphthalate	580	1900		U
84-74-2	Di-n-butylphthalate	580	1900		U
99-65-0	m-Dinitrobenzene	580	1900		U
534-52-1	4,6-Dinitro-2-methylphenol	580	7800		U
51-28-5	2,4-Dinitrophenol	580	19000		U
121-14-2	2,4-Dinitrotoluene	580	1900		U
606-20-2	2,6-Dinitrotoluene	580	1900		U
88-85-7	Dinoseb	580	1900		U
117-84-0	Di-n-octylphthalate	580	1900		U
122-39-4	Diphenylamine	580	1900		U
298-04-4	Disulfoton	580	1900		U
62-50-0	Ethyl methanesulfonate	580	1900		U
52-85-7	Famphur	580	1900		U
206-44-0	Fluoranthene	230	1900	1200	I
86-73-7	Fluorene	230	1900		U
118-74-1	Hexachlorobenzene	580	1900		U
87-68-3	Hexachlorobutadiene	580	1900		U
77-47-4	Hexachlorocyclopentadiene	580	1900		U
67-72-1	Hexachloroethane	580	1900		U
70-30-4	Hexachlorophene	580	3900		U
1888-71-7	Hexachloropropene	580	1900		U
193-39-5	Indeno(1,2,3-cd)pyrene	230	1900	770	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105610

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
465-73-6	Isodrin	580	1900		U
78-59-1	Isophorone	580	1900		U
120-58-1	Isosafrole	580	1900		U
143-50-0	Kepone	580	1900		U
91-80-5	Methapyrilene	580	1900		U
56-49-5	3-Methylcholanthrene	580	1900		U
66-27-3	Methyl methanesulfonate	580	1900		U
91-57-6	2-Methylnaphthalene	230	1900		U
298-00-0	Methyl parathion	580	1900		U
106-44-5	4-Methylphenol	580	1900		U
91-20-3	Naphthalene	230	1900		U
95-48-7	2-Methylphenol	580	1900		U
108-39-4	3-Methylphenol	580	1900		U
130-15-4	1,4-Naphthoquinone	580	1900		U
134-32-7	1-Naphthylamine	580	1900		U
91-59-8	2-Naphthylamine	580	1900		U
88-74-4	2-Nitroaniline	580	7800		U
99-09-2	3-Nitroaniline	580	7800		U
100-01-6	4-Nitroaniline	580	7800		U
98-95-3	Nitrobenzene	580	1900		U
88-75-5	2-Nitrophenol	580	1900		U
100-02-7	4-Nitrophenol	580	7800		U
56-57-5	4-Nitroquinoline-1-oxide	580	1900		U
924-16-3	N-Nitrosodi-n-butylamine	580	1900		U
55-18-5	N-Nitrosodiethylamine	580	1900		U
62-75-9	N-Nitroso-di-methylamine	580	1900		U
86-30-6	N-Nitrosodiphenylamine (1)	580	1900		U
621-64-7	N-Nitroso-di-n-propylamine	580	1900		U
10595-95-6	N-Nitrosomethylethylamine	580	1900		U
59-89-2	N-Nitrosomorpholine	580	1900		U
100-75-4	N-Nitrosopiperidine	580	1900		U
930-55-2	N-Nitrosopyrrolidine	580	1900		U
99-55-8	5-Nitro-o-toluidine	580	1900		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105610

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	580	1900		U
608-93-5	Pentachlorobenzene	580	1900		U
76-01-7	Pentachloroethane	580	1900		U
82-68-8	Pentachloronitrobenzene	580	1900		U
87-86-5	Pentachlorophenol	580	7800		U
62-44-2	Phenacetin	580	1900		U
85-01-8	Phenanthrene	230	1900	260	I
108-95-2	Phenol	580	1900		U
106-50-3	p-Phenylenediamine	580	1900		U
298-02-2	Phorate	580	1900		U
109-06-8	2-Picoline	580	1900		U
23950-58-5	Pronamide	580	1900		U
129-00-0	Pyrene	230	1900	2600	
110-86-1	Pyridine	580	7800		U
94-59-7	Safrole	580	1900		U
3689-24-5	Sulfotepp	580	1900		U
95-94-3	1,2,4,5-Tetrachlorobenzene	580	1900		U
58-90-2	2,3,4,6-Tetrachlorophenol	580	1900		U
297-97-2	Thionazin	580	1900		U
95-53-4	o-Toluidine	580	1900		U
120-82-1	1,2,4-Trichlorobenzene	580	1900		U
95-95-4	2,4,5-Trichlorophenol	580	1900		U
88-06-2	2,4,6-Trichlorophenol	580	1900		U
126-68-1	O,O,O-Triethylphosphorothioa	580	1900		U
99-35-4	sym-Trinitrobenzene	580	1900		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 10:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	72	600		U
208-96-8	Acenaphthylene	72	600		U
98-86-2	Acetophenone	180	600		U
53-96-3	2-Acetylaminofluorene	180	600		U
92-67-1	4-Aminobiphenyl	180	600		U
62-53-3	Aniline	180	600		U
140-57-8	Aramite	180	600		U
120-12-7	Anthracene	72	600	87	I
65-85-0	Benzoic acid	180	2400		U
56-55-3	Benzo(a)anthracene	72	600	1800	
205-99-2	Benzo(b)fluoranthene	72	600	3000	
207-08-9	Benzo(k)fluoranthene	72	600	2000	
191-24-2	Benzo(g,h,i)perylene	72	600	1400	
50-32-8	Benzo(a)pyrene	72	600	1900	
100-51-6	Benzyl alcohol	180	600		U
111-91-1	bis(2-Chloroethoxy)methane	180	600		U
111-44-4	bis(2-Chloroethyl)ether	180	600		U
108-60-1	bis(2-Chloroisopropyl)ether	180	600		U
117-81-7	Bis(2-ethylhexyl)phthalate	180	600		U
101-55-3	4-Bromophenyl-phenylether	180	600		U
85-68-7	Butylbenzylphthalate	180	600		U
106-47-8	4-Chloroaniline	180	600		U
510-15-6	Chlorobenzilate	180	600		U
59-50-7	4-Chloro-3-methylphenol	180	600		U
91-58-7	2-Chloronaphthalene	180	600		U
95-57-8	2-Chlorophenol	180	600		U
7005-72-3	4-Chlorophenyl-phenylether	180	600		U
218-01-9	Chrysene	72	600	2800	
2303-16-4	Diallate	180	600		U
53-70-3	Dibenz(a,h)anthracene	72	600	300	I
132-64-9	Dibenzofuran	180	600		U
91-94-1	3,3'-Dichlorobenzidine	270	600		U
106-46-7	1,4-Dichlorobenzene	180	600		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 10:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	180	600		U
541-73-1	1,3-Dichlorobenzene	180	600		U
120-83-2	2,4-Dichlorophenol	180	600		U
87-65-0	2,6-Dichlorophenol	180	600		U
84-66-2	Diethylphthalate	180	600		U
60-51-5	Dimethoate	180	600		U
60-11-7	p-(Dimethylamino)azobenzene	180	600		U
57-97-6	7,12-Dimethylbenz[a]anthrace	180	600		U
119-93-7	3,3'-Dimethylbenzidine	180	600		U
122-09-8	a,a-Dimethyl-phenethylamine	180	600		U
105-67-9	2,4-Dimethylphenol	180	2400		U
131-11-3	Dimethylphthalate	180	600		U
84-74-2	Di-n-butylphthalate	180	600		U
99-65-0	m-Dinitrobenzene	180	600		U
534-52-1	4,6-Dinitro-2-methylphenol	180	2400		U
51-28-5	2,4-Dinitrophenol	180	6000		U
121-14-2	2,4-Dinitrotoluene	180	600		U
606-20-2	2,6-Dinitrotoluene	180	600		U
88-85-7	Dinoseb	180	600		U
117-84-0	Di-n-octylphthalate	180	600		U
122-39-4	Diphenylamine	180	600		U
298-04-4	Disulfoton	180	600		U
62-50-0	Ethyl methanesulfonate	180	600		U
52-85-7	Famphur	180	600		U
206-44-0	Fluoranthene	72	600	2900	
86-73-7	Fluorene	72	600		U
118-74-1	Hexachlorobenzene	180	600		U
87-68-3	Hexachlorobutadiene	180	600		U
77-47-4	Hexachlorocyclopentadiene	180	600		U
67-72-1	Hexachloroethane	180	600		U
70-30-4	Hexachlorophene	180	1200		U
1888-71-7	Hexachloropropene	180	600		U
193-39-5	Indeno(1,2,3-cd)pyrene	72	600	1700	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 10:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	180	600		U
78-59-1	Isophorone	180	600		U
120-58-1	Isosafrole	180	600		U
143-50-0	Kepone	180	600		U
91-80-5	Methapyrilene	180	600		U
56-49-5	3-Methylcholanthrene	180	600		U
66-27-3	Methyl methanesulfonate	180	600		U
91-57-6	2-Methylnaphthalene	72	600		U
298-00-0	Methyl parathion	180	600		U
106-44-5	4-Methylphenol	180	600		U
91-20-3	Naphthalene	72	600		U
95-48-7	2-Methylphenol	180	600		U
108-39-4	3-Methylphenol	180	600		U
130-15-4	1,4-Naphthoquinone	180	600		U
134-32-7	1-Naphthylamine	180	600		U
91-59-8	2-Naphthylamine	180	600		U
88-74-4	2-Nitroaniline	180	2400		U
99-09-2	3-Nitroaniline	180	2400		U
100-01-6	4-Nitroaniline	180	2400		U
98-95-3	Nitrobenzene	180	600		U
88-75-5	2-Nitrophenol	180	600		U
100-02-7	4-Nitrophenol	180	2400		U
56-57-5	4-Nitroquinoline-1-oxide	180	600		U
924-16-3	N-Nitrosodi-n-butylamine	180	600		U
55-18-5	N-Nitrosodiethylamine	180	600		U
62-75-9	N-Nitroso-di-methylamine	180	600		U
86-30-6	N-Nitrosodiphenylamine (1)	180	600		U
621-64-7	N-Nitroso-di-n-propylamine	180	600		U
10595-95-6	N-Nitrosomethylethylamine	180	600		U
59-89-2	N-Nitrosomorpholine	180	600		U
100-75-4	N-Nitrosopiperidine	180	600		U
930-55-2	N-Nitrosopyrrolidine	180	600		U
99-55-8	5-Nitro-o-toluidine	180	600		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 10:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	180	600		U
608-93-5	Pentachlorobenzene	180	600		U
76-01-7	Pentachloroethane	180	600		U
82-68-8	Pentachloronitrobenzene	180	600		U
87-86-5	Pentachlorophenol	180	2400		U
62-44-2	Phenacetin	180	600		U
85-01-8	Phenanthrene	72	600	640	
108-95-2	Phenol	180	600		U
106-50-3	p-Phenylenediamine	180	600		U
298-02-2	Phorate	180	600		U
109-06-8	2-Picoline	180	600		U
23950-58-5	Pronamide	180	600		U
129-00-0	Pyrene	72	600	5100	
110-86-1	Pyridine	180	2400		U
94-59-7	Safrole	180	600		U
3689-24-5	Sulfotepp	180	600		U
95-94-3	1,2,4,5-Tetrachlorobenzene	180	600		U
58-90-2	2,3,4,6-Tetrachlorophenol	180	600		U
297-97-2	Thionazin	180	600		U
95-53-4	o-Toluidine	180	600		U
120-82-1	1,2,4-Trichlorobenzene	180	600		U
95-95-4	2,4,5-Trichlorophenol	180	600		U
88-06-2	2,4,6-Trichlorophenol	180	600		U
126-68-1	O,O,O-Triethylphosphorothioa	180	600		U
99-35-4	sym-Trinitrobenzene	180	600		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601D

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 11:25

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	720	6000		UD
208-96-8	Acenaphthylene	720	6000		UD
98-86-2	Acetophenone	1800	6000		UD
53-96-3	2-Acetylaminofluorene	1800	6000		UD
92-67-1	4-Aminobiphenyl	1800	6000		UD
62-53-3	Aniline	1800	6000		UD
140-57-8	Aramite	1800	6000		UD
120-12-7	Anthracene	720	6000		UD
65-85-0	Benzoic acid	1800	24000		UD
56-55-3	Benzo(a)anthracene	720	6000	2000	ID
205-99-2	Benzo(b)fluoranthene	720	6000	3200	ID
207-08-9	Benzo(k)fluoranthene	720	6000	1800	ID
191-24-2	Benzo(g,h,i)perylene	720	6000	1100	ID
50-32-8	Benzo(a)pyrene	720	6000	1700	ID
100-51-6	Benzyl alcohol	1800	6000		UD
111-91-1	bis(2-Chloroethoxy)methane	1800	6000		UD
111-44-4	bis(2-Chloroethyl)ether	1800	6000		UD
108-60-1	bis(2-Chloroisopropyl)ether	1800	6000		UD
117-81-7	Bis(2-ethylhexyl)phthalate	1800	6000		UD
101-55-3	4-Bromophenyl-phenylether	1800	6000		UD
85-68-7	Butylbenzylphthalate	1800	6000		UD
106-47-8	4-Chloroaniline	1800	6000		UD
510-15-6	Chlorobenzilate	1800	6000		UD
59-50-7	4-Chloro-3-methylphenol	1800	6000		UD
91-58-7	2-Chloronaphthalene	1800	6000		UD
95-57-8	2-Chlorophenol	1800	6000		UD
7005-72-3	4-Chlorophenyl-phenylether	1800	6000		UD
218-01-9	Chrysene	720	6000	2600	ID
2303-16-4	Diallate	1800	6000		UD
53-70-3	Dibenz(a,h)anthracene	720	6000		UD
132-64-9	Dibenzofuran	1800	6000		UD
91-94-1	3,3'-Dichlorobenzidine	2700	6000		UD
106-46-7	1,4-Dichlorobenzene	1800	6000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601D

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 11:25

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1800	6000		UD
541-73-1	1,3-Dichlorobenzene	1800	6000		UD
120-83-2	2,4-Dichlorophenol	1800	6000		UD
87-65-0	2,6-Dichlorophenol	1800	6000		UD
84-66-2	Diethylphthalate	1800	6000		UD
60-51-5	Dimethoate	1800	6000		UD
60-11-7	p-(Dimethylamino)azobenzene	1800	6000		UD
57-97-6	7,12-Dimethylbenz[a]anthrace	1800	6000		UD
119-93-7	3,3'-Dimethylbenzidine	1800	6000		UD
122-09-8	a,a-Dimethyl-phenethylamine	1800	6000		UD
105-67-9	2,4-Dimethylphenol	1800	24000		UD
131-11-3	Dimethylphthalate	1800	6000		UD
84-74-2	Di-n-butylphthalate	1800	6000		UD
99-65-0	m-Dinitrobenzene	1800	6000		UD
534-52-1	4,6-Dinitro-2-methylphenol	1800	24000		UD
51-28-5	2,4-Dinitrophenol	1800	60000		UD
121-14-2	2,4-Dinitrotoluene	1800	6000		UD
606-20-2	2,6-Dinitrotoluene	1800	6000		UD
88-85-7	Dinoseb	1800	6000		UD
117-84-0	Di-n-octylphthalate	1800	6000		UD
122-39-4	Diphenylamine	1800	6000		UD
298-04-4	Disulfoton	1800	6000		UD
62-50-0	Ethyl methanesulfonate	1800	6000		UD
52-85-7	Famphur	1800	6000		UD
206-44-0	Fluoranthene	720	6000	4200	ID
86-73-7	Fluorene	720	6000		UD
118-74-1	Hexachlorobenzene	1800	6000		UD
87-68-3	Hexachlorobutadiene	1800	6000		UD
77-47-4	Hexachlorocyclopentadiene	1800	6000		UD
67-72-1	Hexachloroethane	1800	6000		UD
70-30-4	Hexachlorophene	1800	12000		UD
1888-71-7	Hexachloropropene	1800	6000		UD
193-39-5	Indeno(1,2,3-cd)pyrene	720	6000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601D

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 11:25

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
465-73-6	Isodrin	1800	6000		UD
78-59-1	Isophorone	1800	6000		UD
120-58-1	Isosafrole	1800	6000		UD
143-50-0	Kepone	1800	6000		UD
91-80-5	Methapyrilene	1800	6000		UD
56-49-5	3-Methylcholanthrene	1800	6000		UD
66-27-3	Methyl methanesulfonate	1800	6000		UD
91-57-6	2-Methylnaphthalene	720	6000		UD
298-00-0	Methyl parathion	1800	6000		UD
106-44-5	4-Methylphenol	1800	6000		UD
91-20-3	Naphthalene	720	6000		UD
95-48-7	2-Methylphenol	1800	6000		UD
108-39-4	3-Methylphenol	1800	6000		UD
130-15-4	1,4-Naphthoquinone	1800	6000		UD
134-32-7	1-Naphthylamine	1800	6000		UD
91-59-8	2-Naphthylamine	1800	6000		UD
88-74-4	2-Nitroaniline	1800	24000		UD
99-09-2	3-Nitroaniline	1800	24000		UD
100-01-6	4-Nitroaniline	1800	24000		UD
98-95-3	Nitrobenzene	1800	6000		UD
88-75-5	2-Nitrophenol	1800	6000		UD
100-02-7	4-Nitrophenol	1800	24000		UD
56-57-5	4-Nitroquinoline-1-oxide	1800	6000		UD
924-16-3	N-Nitrosodi-n-butylamine	1800	6000		UD
55-18-5	N-Nitrosodiethylamine	1800	6000		UD
62-75-9	N-Nitroso-di-methylamine	1800	6000		UD
86-30-6	N-Nitrosodiphenylamine (1)	1800	6000		UD
621-64-7	N-Nitroso-di-n-propylamine	1800	6000		UD
10595-95-6	N-Nitrosomethylethylamine	1800	6000		UD
59-89-2	N-Nitrosomorpholine	1800	6000		UD
100-75-4	N-Nitrosopiperidine	1800	6000		UD
930-55-2	N-Nitrosopyrrolidine	1800	6000		UD
99-55-8	5-Nitro-o-toluidine	1800	6000		UD

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105601D

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 11:25

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	1800	6000		UD
608-93-5	Pentachlorobenzene	1800	6000		UD
76-01-7	Pentachloroethane	1800	6000		UD
82-68-8	Pentachloronitrobenzene	1800	6000		UD
87-86-5	Pentachlorophenol	1800	24000		UD
62-44-2	Phenacetin	1800	6000		UD
85-01-8	Phenanthrene	720	6000		UD
108-95-2	Phenol	1800	6000		UD
106-50-3	p-Phenylenediamine	1800	6000		UD
298-02-2	Phorate	1800	6000		UD
109-06-8	2-Picoline	1800	6000		UD
23950-58-5	Pronamide	1800	6000		UD
129-00-0	Pyrene	720	6000	3400	ID
110-86-1	Pyridine	1800	24000		UD
94-59-7	Safrole	1800	6000		UD
3689-24-5	Sulfotepp	1800	6000		UD
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	6000		UD
58-90-2	2,3,4,6-Tetrachlorophenol	1800	6000		UD
297-97-2	Thionazin	1800	6000		UD
95-53-4	o-Toluidine	1800	6000		UD
120-82-1	1,2,4-Trichlorobenzene	1800	6000		UD
95-95-4	2,4,5-Trichlorophenol	1800	6000		UD
88-06-2	2,4,6-Trichlorophenol	1800	6000		UD
126-68-1	O,O,O-Triethylphosphorothioa	1800	6000		UD
99-35-4	sym-Trinitrobenzene	1800	6000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 11:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	55	460		U
208-96-8	Acenaphthylene	55	460		U
98-86-2	Acetophenone	140	460		U
53-96-3	2-Acetylaminofluorene	140	460		U
92-67-1	4-Aminobiphenyl	140	460		U
62-53-3	Aniline	140	460		U
140-57-8	Aramite	140	460		U
120-12-7	Anthracene	55	460	120	I
65-85-0	Benzoic acid	140	1800		U
56-55-3	Benzo(a)anthracene	55	460	2700	
205-99-2	Benzo(b)fluoranthene	55	460	3100	
207-08-9	Benzo(k)fluoranthene	55	460	2600	
191-24-2	Benzo(g,h,i)perylene	55	460	1300	
50-32-8	Benzo(a)pyrene	55	460	2300	
100-51-6	Benzyl alcohol	140	460		U
111-91-1	bis(2-Chloroethoxy)methane	140	460		U
111-44-4	bis(2-Chloroethyl)ether	140	460		U
108-60-1	bis(2-Chloroisopropyl)ether	140	460		U
117-81-7	Bis(2-ethylhexyl)phthalate	140	460		U
101-55-3	4-Bromophenyl-phenylether	140	460		U
85-68-7	Butylbenzylphthalate	140	460		U
106-47-8	4-Chloroaniline	140	460		U
510-15-6	Chlorobenzilate	140	460		U
59-50-7	4-Chloro-3-methylphenol	140	460		U
91-58-7	2-Chloronaphthalene	140	460		U
95-57-8	2-Chlorophenol	140	460		U
7005-72-3	4-Chlorophenyl-phenylether	140	460		U
218-01-9	Chrysene	55	460	3500	
2303-16-4	Diallate	140	460		U
53-70-3	Dibenz(a,h)anthracene	55	460	380	I
132-64-9	Dibenzofuran	140	460		U
91-94-1	3,3'-Dichlorobenzidine	200	460		U
106-46-7	1,4-Dichlorobenzene	140	460		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 11:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	140	460		U
541-73-1	1,3-Dichlorobenzene	140	460		U
120-83-2	2,4-Dichlorophenol	140	460		U
87-65-0	2,6-Dichlorophenol	140	460		U
84-66-2	Diethylphthalate	140	460		U
60-51-5	Dimethoate	140	460		U
60-11-7	p-(Dimethylamino)azobenzene	140	460		U
57-97-6	7,12-Dimethylbenz[a]anthrace	140	460		U
119-93-7	3,3'-Dimethylbenzidine	140	460		U
122-09-8	a,a-Dimethyl-phenethylamine	140	460		U
105-67-9	2,4-Dimethylphenol	140	1800		U
131-11-3	Dimethylphthalate	140	460		U
84-74-2	Di-n-butylphthalate	140	460		U
99-65-0	m-Dinitrobenzene	140	460		U
534-52-1	4,6-Dinitro-2-methylphenol	140	1800		U
51-28-5	2,4-Dinitrophenol	140	4600		U
121-14-2	2,4-Dinitrotoluene	140	460		U
606-20-2	2,6-Dinitrotoluene	140	460		U
88-85-7	Dinoseb	140	460		U
117-84-0	Di-n-octylphthalate	140	460		U
122-39-4	Diphenylamine	140	460		U
298-04-4	Disulfoton	140	460		U
62-50-0	Ethyl methanesulfonate	140	460		U
52-85-7	Famphur	140	460		U
206-44-0	Fluoranthene	55	460	4100	
86-73-7	Fluorene	55	460		U
118-74-1	Hexachlorobenzene	140	460		U
87-68-3	Hexachlorobutadiene	140	460		U
77-47-4	Hexachlorocyclopentadiene	140	460		U
67-72-1	Hexachloroethane	140	460		U
70-30-4	Hexachlorophene	140	910		U
1888-71-7	Hexachloropropene	140	460		U
193-39-5	Indeno(1,2,3-cd)pyrene	55	460	1500	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 11:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
465-73-6	Isodrin	140	460		U
78-59-1	Isophorone	140	460		U
120-58-1	Isosafrole	140	460		U
143-50-0	Kepone	140	460		U
91-80-5	Methapyrilene	140	460		U
56-49-5	3-Methylcholanthrene	140	460		U
66-27-3	Methyl methanesulfonate	140	460		U
91-57-6	2-Methylnaphthalene	55	460		U
298-00-0	Methyl parathion	140	460		U
106-44-5	4-Methylphenol	140	460		U
91-20-3	Naphthalene	55	460		U
95-48-7	2-Methylphenol	140	460		U
108-39-4	3-Methylphenol	140	460		U
130-15-4	1,4-Naphthoquinone	140	460		U
134-32-7	1-Naphthylamine	140	460		U
91-59-8	2-Naphthylamine	140	460		U
88-74-4	2-Nitroaniline	140	1800		U
99-09-2	3-Nitroaniline	140	1800		U
100-01-6	4-Nitroaniline	140	1800		U
98-95-3	Nitrobenzene	140	460		U
88-75-5	2-Nitrophenol	140	460		U
100-02-7	4-Nitrophenol	140	1800		U
56-57-5	4-Nitroquinoline-1-oxide	140	460		U
924-16-3	N-Nitrosodi-n-butylamine	140	460		U
55-18-5	N-Nitrosodiethylamine	140	460		U
62-75-9	N-Nitroso-di-methylamine	140	460		U
86-30-6	N-Nitrosodiphenylamine (1)	140	460		U
621-64-7	N-Nitroso-di-n-propylamine	140	460		U
10595-95-6	N-Nitrosomethylethylamine	140	460		U
59-89-2	N-Nitrosomorpholine	140	460		U
100-75-4	N-Nitrosopiperidine	140	460		U
930-55-2	N-Nitrosopyrrolidine	140	460		U
99-55-8	5-Nitro-o-toluidine	140	460		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 11:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	140	460		U
608-93-5	Pentachlorobenzene	140	460		U
76-01-7	Pentachloroethane	140	460		U
82-68-8	Pentachloronitrobenzene	140	460		U
87-86-5	Pentachlorophenol	140	1800		U
62-44-2	Phenacetin	140	460		U
85-01-8	Phenanthrene	55	460	730	
108-95-2	Phenol	140	460		U
106-50-3	p-Phenylenediamine	140	460		U
298-02-2	Phorate	140	460		U
109-06-8	2-Picoline	140	460		U
23950-58-5	Pronamide	140	460		U
129-00-0	Pyrene	55	460	5600	
110-86-1	Pyridine	140	1800		U
94-59-7	Safrole	140	460		U
3689-24-5	Sulfotepp	140	460		U
95-94-3	1,2,4,5-Tetrachlorobenzene	140	460		U
58-90-2	2,3,4,6-Tetrachlorophenol	140	460		U
297-97-2	Thionazin	140	460		U
95-53-4	o-Toluidine	140	460		U
120-82-1	1,2,4-Trichlorobenzene	140	460		U
95-95-4	2,4,5-Trichlorophenol	140	460		U
88-06-2	2,4,6-Trichlorophenol	140	460		U
126-68-1	O,O,O-Triethylphosphorothioa	140	460		U
99-35-4	sym-Trinitrobenzene	140	460		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602D

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 12:00

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	550	4600		UD
208-96-8	Acenaphthylene	550	4600		UD
98-86-2	Acetophenone	1400	4600		UD
53-96-3	2-Acetylaminofluorene	1400	4600		UD
92-67-1	4-Aminobiphenyl	1400	4600		UD
62-53-3	Aniline	1400	4600		UD
140-57-8	Aramite	1400	4600		UD
120-12-7	Anthracene	550	4600		UD
65-85-0	Benzoic acid	1400	18000		UD
56-55-3	Benzo(a)anthracene	550	4600	2600	ID
205-99-2	Benzo(b)fluoranthene	550	4600	2900	ID
207-08-9	Benzo(k)fluoranthene	550	4600	2900	ID
191-24-2	Benzo(g,h,i)perylene	550	4600	1000	ID
50-32-8	Benzo(a)pyrene	550	4600	1800	ID
100-51-6	Benzyl alcohol	1400	4600		UD
111-91-1	bis(2-Chloroethoxy)methane	1400	4600		UD
111-44-4	bis(2-Chloroethyl)ether	1400	4600		UD
108-60-1	bis(2-Chloroisopropyl)ether	1400	4600		UD
117-81-7	Bis(2-ethylhexyl)phthalate	1400	4600		UD
101-55-3	4-Bromophenyl-phenylether	1400	4600		UD
85-68-7	Butylbenzylphthalate	1400	4600		UD
106-47-8	4-Chloroaniline	1400	4600		UD
510-15-6	Chlorobenzilate	1400	4600		UD
59-50-7	4-Chloro-3-methylphenol	1400	4600		UD
91-58-7	2-Chloronaphthalene	1400	4600		UD
95-57-8	2-Chlorophenol	1400	4600		UD
7005-72-3	4-Chlorophenyl-phenylether	1400	4600		UD
218-01-9	Chrysene	550	4600	3200	ID
2303-16-4	Diallate	1400	4600		UD
53-70-3	Dibenz(a,h)anthracene	550	4600		UD
132-64-9	Dibenzofuran	1400	4600		UD
91-94-1	3,3'-Dichlorobenzidine	2000	4600		UD
106-46-7	1,4-Dichlorobenzene	1400	4600		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602D

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 12:00

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1400	4600		UD
541-73-1	1,3-Dichlorobenzene	1400	4600		UD
120-83-2	2,4-Dichlorophenol	1400	4600		UD
87-65-0	2,6-Dichlorophenol	1400	4600		UD
84-66-2	Diethylphthalate	1400	4600		UD
60-51-5	Dimethoate	1400	4600		UD
60-11-7	p-(Dimethylamino)azobenzene	1400	4600		UD
57-97-6	7,12-Dimethylbenz[a]anthrace	1400	4600		UD
119-93-7	3,3'-Dimethylbenzidine	1400	4600		UD
122-09-8	a,a-Dimethyl-phenethylamine	1400	4600		UD
105-67-9	2,4-Dimethylphenol	1400	18000		UD
131-11-3	Dimethylphthalate	1400	4600		UD
84-74-2	Di-n-butylphthalate	1400	4600		UD
99-65-0	m-Dinitrobenzene	1400	4600		UD
534-52-1	4,6-Dinitro-2-methylphenol	1400	18000		UD
51-28-5	2,4-Dinitrophenol	1400	46000		UD
121-14-2	2,4-Dinitrotoluene	1400	4600		UD
606-20-2	2,6-Dinitrotoluene	1400	4600		UD
88-85-7	Dinoseb	1400	4600		UD
117-84-0	Di-n-octylphthalate	1400	4600		UD
122-39-4	Diphenylamine	1400	4600		UD
298-04-4	Disulfoton	1400	4600		UD
62-50-0	Ethyl methanesulfonate	1400	4600		UD
52-85-7	Famphur	1400	4600		UD
206-44-0	Fluoranthene	550	4600	5100	D
86-73-7	Fluorene	550	4600		UD
118-74-1	Hexachlorobenzene	1400	4600		UD
87-68-3	Hexachlorobutadiene	1400	4600		UD
77-47-4	Hexachlorocyclopentadiene	1400	4600		UD
67-72-1	Hexachloroethane	1400	4600		UD
70-30-4	Hexachlorophene	1400	9100		UD
1888-71-7	Hexachloropropene	1400	4600		UD
193-39-5	Indeno(1,2,3-cd)pyrene	550	4600		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602D

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 12:00

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	1400	4600		UD
78-59-1	Isophorone	1400	4600		UD
120-58-1	Isosafrole	1400	4600		UD
143-50-0	Kepone	1400	4600		UD
91-80-5	Methapyrilene	1400	4600		UD
56-49-5	3-Methylcholanthrene	1400	4600		UD
66-27-3	Methyl methanesulfonate	1400	4600		UD
91-57-6	2-Methylnaphthalene	550	4600		UD
298-00-0	Methyl parathion	1400	4600		UD
106-44-5	4-Methylphenol	1400	4600		UD
91-20-3	Naphthalene	550	4600		UD
95-48-7	2-Methylphenol	1400	4600		UD
108-39-4	3-Methylphenol	1400	4600		UD
130-15-4	1,4-Naphthoquinone	1400	4600		UD
134-32-7	1-Naphthylamine	1400	4600		UD
91-59-8	2-Naphthylamine	1400	4600		UD
88-74-4	2-Nitroaniline	1400	18000		UD
99-09-2	3-Nitroaniline	1400	18000		UD
100-01-6	4-Nitroaniline	1400	18000		UD
98-95-3	Nitrobenzene	1400	4600		UD
88-75-5	2-Nitrophenol	1400	4600		UD
100-02-7	4-Nitrophenol	1400	18000		UD
56-57-5	4-Nitroquinoline-1-oxide	1400	4600		UD
924-16-3	N-Nitrosodi-n-butylamine	1400	4600		UD
55-18-5	N-Nitrosodiethylamine	1400	4600		UD
62-75-9	N-Nitroso-di-methylamine	1400	4600		UD
86-30-6	N-Nitrosodiphenylamine (1)	1400	4600		UD
621-64-7	N-Nitroso-di-n-propylamine	1400	4600		UD
10595-95-6	N-Nitrosomethylethylamine	1400	4600		UD
59-89-2	N-Nitrosomorpholine	1400	4600		UD
100-75-4	N-Nitrosopiperidine	1400	4600		UD
930-55-2	N-Nitrosopyrrolidine	1400	4600		UD
99-55-8	5-Nitro-o-toluidine	1400	4600		UD

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105602D

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 12:00

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	1400	4600		UD
608-93-5	Pentachlorobenzene	1400	4600		UD
76-01-7	Pentachloroethane	1400	4600		UD
82-68-8	Pentachloronitrobenzene	1400	4600		UD
87-86-5	Pentachlorophenol	1400	18000		UD
62-44-2	Phenacetin	1400	4600		UD
85-01-8	Phenanthrene	550	4600	700	ID
108-95-2	Phenol	1400	4600		UD
106-50-3	p-Phenylenediamine	1400	4600		UD
298-02-2	Phorate	1400	4600		UD
109-06-8	2-Picoline	1400	4600		UD
23950-58-5	Pronamide	1400	4600		UD
129-00-0	Pyrene	550	4600	4500	ID
110-86-1	Pyridine	1400	18000		UD
94-59-7	Safrole	1400	4600		UD
3689-24-5	Sulfotepp	1400	4600		UD
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	4600		UD
58-90-2	2,3,4,6-Tetrachlorophenol	1400	4600		UD
297-97-2	Thionazin	1400	4600		UD
95-53-4	o-Toluidine	1400	4600		UD
120-82-1	1,2,4-Trichlorobenzene	1400	4600		UD
95-95-4	2,4,5-Trichlorophenol	1400	4600		UD
88-06-2	2,4,6-Trichlorophenol	1400	4600		UD
126-68-1	O,O,O-Triethylphosphorothioa	1400	4600		UD
99-35-4	sym-Trinitrobenzene	1400	4600		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105603

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	100	850		U
208-96-8	Acenaphthylene	100	850		U
98-86-2	Acetophenone	250	850		U
53-96-3	2-Acetylaminofluorene	250	850		U
92-67-1	4-Aminobiphenyl	250	850		U
62-53-3	Aniline	250	850		U
140-57-8	Aramite	250	850		U
120-12-7	Anthracene	100	850		U
65-85-0	Benzoic acid	250	3400		U
56-55-3	Benzo(a)anthracene	100	850	170	I
205-99-2	Benzo(b)fluoranthene	100	850		U
207-08-9	Benzo(k)fluoranthene	100	850		U
191-24-2	Benzo(g,h,i)perylene	100	850		U
50-32-8	Benzo(a)pyrene	100	850		U
100-51-6	Benzyl alcohol	250	850		U
111-91-1	bis(2-Chloroethoxy)methane	250	850		U
111-44-4	bis(2-Chloroethyl)ether	250	850		U
108-60-1	bis(2-Chloroisopropyl)ether	250	850		U
117-81-7	Bis(2-ethylhexyl)phthalate	250	850	590	I
101-55-3	4-Bromophenyl-phenylether	250	850		U
85-68-7	Butylbenzylphthalate	250	850		U
106-47-8	4-Chloroaniline	250	850		U
510-15-6	Chlorobenzilate	250	850		U
59-50-7	4-Chloro-3-methylphenol	250	850		U
91-58-7	2-Chloronaphthalene	250	850		U
95-57-8	2-Chlorophenol	250	850		U
7005-72-3	4-Chlorophenyl-phenylether	250	850		U
218-01-9	Chrysene	100	850	200	I
2303-16-4	Diallate	250	850		U
53-70-3	Dibenz(a,h)anthracene	100	850		U
132-64-9	Dibenzofuran	250	850		U
91-94-1	3,3'-Dichlorobenzidine	380	850		U
106-46-7	1,4-Dichlorobenzene	250	850		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105603

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	250	850	1800	
541-73-1	1,3-Dichlorobenzene	250	850		U
120-83-2	2,4-Dichlorophenol	250	850		U
87-65-0	2,6-Dichlorophenol	250	850		U
84-66-2	Diethylphthalate	250	850		U
60-51-5	Dimethoate	250	850		U
60-11-7	p-(Dimethylamino)azobenzene	250	850		U
57-97-6	7,12-Dimethylbenz[a]anthrace	250	850		U
119-93-7	3,3'-Dimethylbenzidine	250	850		U
122-09-8	a,a-Dimethyl-phenethylamine	250	850		U
105-67-9	2,4-Dimethylphenol	250	3400		U
131-11-3	Dimethylphthalate	250	850		U
84-74-2	Di-n-butylphthalate	250	850		U
99-65-0	m-Dinitrobenzene	250	850		U
534-52-1	4,6-Dinitro-2-methylphenol	250	3400		U
51-28-5	2,4-Dinitrophenol	250	8500		U
121-14-2	2,4-Dinitrotoluene	250	850		U
606-20-2	2,6-Dinitrotoluene	250	850		U
88-85-7	Dinoseb	250	850		U
117-84-0	Di-n-octylphthalate	250	850		U
122-39-4	Diphenylamine	250	850		U
298-04-4	Disulfoton	250	850		U
62-50-0	Ethyl methanesulfonate	250	850		U
52-85-7	Famphur	250	850		U
206-44-0	Fluoranthene	100	850	480	I
86-73-7	Fluorene	100	850		U
118-74-1	Hexachlorobenzene	250	850		U
87-68-3	Hexachlorobutadiene	250	850		U
77-47-4	Hexachlorocyclopentadiene	250	850		U
67-72-1	Hexachloroethane	250	850		U
70-30-4	Hexachlorophene	250	1700		U
1888-71-7	Hexachloropropene	250	850		U
193-39-5	Indeno(1,2,3-cd)pyrene	100	850		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105603

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	250	850		U
78-59-1	Isophorone	250	850		U
120-58-1	Isosafrole	250	850		U
143-50-0	Kepone	250	850		U
91-80-5	Methapyrilene	250	850		U
56-49-5	3-Methylcholanthrene	250	850		U
66-27-3	Methyl methanesulfonate	250	850		U
91-57-6	2-Methylnaphthalene	100	850		U
298-00-0	Methyl parathion	250	850		U
106-44-5	4-Methylphenol	250	850		U
91-20-3	Naphthalene	100	850		U
95-48-7	2-Methylphenol	250	850		U
108-39-4	3-Methylphenol	250	850		U
130-15-4	1,4-Naphthoquinone	250	850		U
134-32-7	1-Naphthylamine	250	850		U
91-59-8	2-Naphthylamine	250	850		U
88-74-4	2-Nitroaniline	250	3400		U
99-09-2	3-Nitroaniline	250	3400		U
100-01-6	4-Nitroaniline	250	3400		U
98-95-3	Nitrobenzene	250	850		U
88-75-5	2-Nitrophenol	250	850		U
100-02-7	4-Nitrophenol	250	3400		U
56-57-5	4-Nitroquinoline-1-oxide	250	850		U
924-16-3	N-Nitrosodi-n-butylamine	250	850		U
55-18-5	N-Nitrosodiethylamine	250	850		U
62-75-9	N-Nitroso-di-methylamine	250	850		U
86-30-6	N-Nitrosodiphenylamine (1)	250	850		U
621-64-7	N-Nitroso-di-n-propylamine	250	850		U
10595-95-6	N-Nitrosomethylethylamine	250	850		U
59-89-2	N-Nitrosomorpholine	250	850		U
100-75-4	N-Nitrosopiperidine	250	850		U
930-55-2	N-Nitrosopyrrolidine	250	850		U
99-55-8	5-Nitro-o-toluidine	250	850		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105603

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	250	850		U
608-93-5	Pentachlorobenzene	250	850		U
76-01-7	Pentachloroethane	250	850		U
82-68-8	Pentachloronitrobenzene	250	850		U
87-86-5	Pentachlorophenol	250	3400		U
62-44-2	Phenacetin	250	850		U
85-01-8	Phenanthrene	100	850	290	I
108-95-2	Phenol	250	850		U
106-50-3	p-Phenylenediamine	250	850		U
298-02-2	Phorate	250	850		U
109-06-8	2-Picoline	250	850		U
23950-58-5	Pronamide	250	850		U
129-00-0	Pyrene	100	850	720	I
110-86-1	Pyridine	250	3400		U
94-59-7	Safrole	250	850		U
3689-24-5	Sulfotepp	250	850		U
95-94-3	1,2,4,5-Tetrachlorobenzene	250	850		U
58-90-2	2,3,4,6-Tetrachlorophenol	250	850		U
297-97-2	Thionazin	250	850		U
95-53-4	o-Toluidine	250	850		U
120-82-1	1,2,4-Trichlorobenzene	250	850		U
95-95-4	2,4,5-Trichlorophenol	250	850		U
88-06-2	2,4,6-Trichlorophenol	250	850		U
126-68-1	O,O,O-Triethylphosphorothioa	250	850		U
99-35-4	sym-Trinitrobenzene	250	850		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105604

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:38

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	360	3000		U
208-96-8	Acenaphthylene	360	3000		U
98-86-2	Acetophenone	910	3000		U
53-96-3	2-Acetylaminofluorene	910	3000		U
92-67-1	4-Aminobiphenyl	910	3000		U
62-53-3	Aniline	910	3000		U
140-57-8	Aramite	910	3000		U
120-12-7	Anthracene	360	3000		U
65-85-0	Benzoic acid	910	12000	3600	I
56-55-3	Benzo(a)anthracene	360	3000	370	I
205-99-2	Benzo(b)fluoranthene	360	3000	720	I
207-08-9	Benzo(k)fluoranthene	360	3000	540	I
191-24-2	Benzo(g,h,i)perylene	360	3000	500	I
50-32-8	Benzo(a)pyrene	360	3000	440	I
100-51-6	Benzyl alcohol	910	3000		U
111-91-1	bis(2-Chloroethoxy)methane	910	3000		U
111-44-4	bis(2-Chloroethyl)ether	910	3000		U
108-60-1	bis(2-Chloroisopropyl)ether	910	3000		U
117-81-7	Bis(2-ethylhexyl)phthalate	910	3000		U
101-55-3	4-Bromophenyl-phenylether	910	3000		U
85-68-7	Butylbenzylphthalate	910	3000		U
106-47-8	4-Chloroaniline	910	3000		U
510-15-6	Chlorobenzilate	910	3000		U
59-50-7	4-Chloro-3-methylphenol	910	3000		U
91-58-7	2-Chloronaphthalene	910	3000		U
95-57-8	2-Chlorophenol	910	3000		U
7005-72-3	4-Chlorophenyl-phenylether	910	3000		U
218-01-9	Chrysene	360	3000	510	I
2303-16-4	Diallate	910	3000		U
53-70-3	Dibenz(a,h)anthracene	360	3000		U
132-64-9	Dibenzofuran	910	3000		U
91-94-1	3,3'-Dichlorobenzidine	1400	3000		U
106-46-7	1,4-Dichlorobenzene	910	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105604

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:38

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	910	3000		U
541-73-1	1,3-Dichlorobenzene	910	3000		U
120-83-2	2,4-Dichlorophenol	910	3000		U
87-65-0	2,6-Dichlorophenol	910	3000		U
84-66-2	Diethylphthalate	910	3000		U
60-51-5	Dimethoate	910	3000		U
60-11-7	p-(Dimethylamino)azobenzene	910	3000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	910	3000		U
119-93-7	3,3'-Dimethylbenzidine	910	3000		U
122-09-8	a,a-Dimethyl-phenethylamine	910	3000		U
105-67-9	2,4-Dimethylphenol	910	12000		U
131-11-3	Dimethylphthalate	910	3000		U
84-74-2	Di-n-butylphthalate	910	3000		U
99-65-0	m-Dinitrobenzene	910	3000		U
534-52-1	4,6-Dinitro-2-methylphenol	910	12000		U
51-28-5	2,4-Dinitrophenol	910	30000		U
121-14-2	2,4-Dinitrotoluene	910	3000		U
606-20-2	2,6-Dinitrotoluene	910	3000		U
88-85-7	Dinoseb	910	3000		U
117-84-0	Di-n-octylphthalate	910	3000		U
122-39-4	Diphenylamine	910	3000		U
298-04-4	Disulfoton	910	3000		U
62-50-0	Ethyl methanesulfonate	910	3000		U
52-85-7	Famphur	910	3000		U
206-44-0	Fluoranthene	360	3000	650	I
86-73-7	Fluorene	360	3000		U
118-74-1	Hexachlorobenzene	910	3000		U
87-68-3	Hexachlorobutadiene	910	3000		U
77-47-4	Hexachlorocyclopentadiene	910	3000		U
67-72-1	Hexachloroethane	910	3000		U
70-30-4	Hexachlorophene	910	6100		U
1888-71-7	Hexachloropropene	910	3000		U
193-39-5	Indeno(1,2,3-cd)pyrene	360	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105604

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:38

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	910	3000		U
78-59-1	Isophorone	910	3000		U
120-58-1	Isosafrole	910	3000		U
143-50-0	Kepone	910	3000		U
91-80-5	Methapyrilene	910	3000		U
56-49-5	3-Methylcholanthrene	910	3000		U
66-27-3	Methyl methanesulfonate	910	3000		U
91-57-6	2-Methylnaphthalene	360	3000		U
298-00-0	Methyl parathion	910	3000		U
106-44-5	4-Methylphenol	910	3000		U
91-20-3	Naphthalene	360	3000		U
95-48-7	2-Methylphenol	910	3000		U
108-39-4	3-Methylphenol	910	3000		U
130-15-4	1,4-Naphthoquinone	910	3000		U
134-32-7	1-Naphthylamine	910	3000		U
91-59-8	2-Naphthylamine	910	3000		U
88-74-4	2-Nitroaniline	910	12000		U
99-09-2	3-Nitroaniline	910	12000		U
100-01-6	4-Nitroaniline	910	12000		U
98-95-3	Nitrobenzene	910	3000		U
88-75-5	2-Nitrophenol	910	3000		U
100-02-7	4-Nitrophenol	910	12000		U
56-57-5	4-Nitroquinoline-1-oxide	910	3000		U
924-16-3	N-Nitrosodi-n-butylamine	910	3000		U
55-18-5	N-Nitrosodiethylamine	910	3000		U
62-75-9	N-Nitroso-di-methylamine	910	3000		U
86-30-6	N-Nitrosodiphenylamine (1)	910	3000		U
621-64-7	N-Nitroso-di-n-propylamine	910	3000		U
10595-95-6	N-Nitrosomethylethylamine	910	3000		U
59-89-2	N-Nitrosomorpholine	910	3000		U
100-75-4	N-Nitrosopiperidine	910	3000		U
930-55-2	N-Nitrosopyrrolidine	910	3000		U
99-55-8	5-Nitro-o-toluidine	910	3000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105604

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 12:38

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	910	3000		U
608-93-5	Pentachlorobenzene	910	3000		U
76-01-7	Pentachloroethane	910	3000		U
82-68-8	Pentachloronitrobenzene	910	3000		U
87-86-5	Pentachlorophenol	910	12000		U
62-44-2	Phenacetin	910	3000		U
85-01-8	Phenanthrene	360	3000		U
108-95-2	Phenol	910	3000		U
106-50-3	p-Phenylenediamine	910	3000		U
298-02-2	Phorate	910	3000		U
109-06-8	2-Picoline	910	3000		U
23950-58-5	Pronamide	910	3000		U
129-00-0	Pyrene	360	3000	1000	I
110-86-1	Pyridine	910	12000		U
94-59-7	Safrole	910	3000		U
3689-24-5	Sulfotepp	910	3000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	910	3000		U
58-90-2	2,3,4,6-Tetrachlorophenol	910	3000		U
297-97-2	Thionazin	910	3000		U
95-53-4	o-Toluidine	910	3000		U
120-82-1	1,2,4-Trichlorobenzene	910	3000		U
95-95-4	2,4,5-Trichlorophenol	910	3000		U
88-06-2	2,4,6-Trichlorophenol	910	3000		U
126-68-1	O,O,O-Triethylphosphorothioa	910	3000		U
99-35-4	sym-Trinitrobenzene	910	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105605

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	320	2700		U
208-96-8	Acenaphthylene	320	2700		U
98-86-2	Acetophenone	810	2700		U
53-96-3	2-Acetylaminofluorene	810	2700		U
92-67-1	4-Aminobiphenyl	810	2700		U
62-53-3	Aniline	810	2700		U
140-57-8	Aramite	810	2700		U
120-12-7	Anthracene	320	2700		U
65-85-0	Benzoic acid	810	11000	6200	I
56-55-3	Benzo(a)anthracene	320	2700		U
205-99-2	Benzo(b)fluoranthene	320	2700		U
207-08-9	Benzo(k)fluoranthene	320	2700		U
191-24-2	Benzo(g,h,i)perylene	320	2700		U
50-32-8	Benzo(a)pyrene	320	2700		U
100-51-6	Benzyl alcohol	810	2700		U
111-91-1	bis(2-Chloroethoxy)methane	810	2700		U
111-44-4	bis(2-Chloroethyl)ether	810	2700		U
108-60-1	bis(2-Chloroisopropyl)ether	810	2700		U
117-81-7	Bis(2-ethylhexyl)phthalate	810	2700		U
101-55-3	4-Bromophenyl-phenylether	810	2700		U
85-68-7	Butylbenzylphthalate	810	2700		U
106-47-8	4-Chloroaniline	810	2700		U
510-15-6	Chlorobenzilate	810	2700		U
59-50-7	4-Chloro-3-methylphenol	810	2700		U
91-58-7	2-Chloronaphthalene	810	2700		U
95-57-8	2-Chlorophenol	810	2700		U
7005-72-3	4-Chlorophenyl-phenylether	810	2700		U
218-01-9	Chrysene	320	2700	410	I
2303-16-4	Diallate	810	2700		U
53-70-3	Dibenz(a,h)anthracene	320	2700		U
132-64-9	Dibenzofuran	810	2700		U
91-94-1	3,3'-Dichlorobenzidine	1200	2700		U
106-46-7	1,4-Dichlorobenzene	810	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105605

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	810	2700		U
541-73-1	1,3-Dichlorobenzene	810	2700		U
120-83-2	2,4-Dichlorophenol	810	2700		U
87-65-0	2,6-Dichlorophenol	810	2700		U
84-66-2	Diethylphthalate	810	2700		U
60-51-5	Dimethoate	810	2700		U
60-11-7	p-(Dimethylamino)azobenzene	810	2700		U
57-97-6	7,12-Dimethylbenz[a]anthrace	810	2700		U
119-93-7	3,3'-Dimethylbenzidine	810	2700		U
122-09-8	a,a-Dimethyl-phenethylamine	810	2700		U
105-67-9	2,4-Dimethylphenol	810	11000		U
131-11-3	Dimethylphthalate	810	2700		U
84-74-2	Di-n-butylphthalate	810	2700		U
99-65-0	m-Dinitrobenzene	810	2700		U
534-52-1	4,6-Dinitro-2-methylphenol	810	11000		U
51-28-5	2,4-Dinitrophenol	810	27000		U
121-14-2	2,4-Dinitrotoluene	810	2700		U
606-20-2	2,6-Dinitrotoluene	810	2700		U
88-85-7	Dinoseb	810	2700		U
117-84-0	Di-n-octylphthalate	810	2700		U
122-39-4	Diphenylamine	810	2700		U
298-04-4	Disulfoton	810	2700		U
62-50-0	Ethyl methanesulfonate	810	2700		U
52-85-7	Famphur	810	2700		U
206-44-0	Fluoranthene	320	2700	390	I
86-73-7	Fluorene	320	2700		U
118-74-1	Hexachlorobenzene	810	2700		U
87-68-3	Hexachlorobutadiene	810	2700		U
77-47-4	Hexachlorocyclopentadiene	810	2700		U
67-72-1	Hexachloroethane	810	2700		U
70-30-4	Hexachlorophene	810	5400		U
1888-71-7	Hexachloropropene	810	2700		U
193-39-5	Indeno(1,2,3-cd)pyrene	320	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105605

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	810	2700		U
78-59-1	Isophorone	810	2700		U
120-58-1	Isosafrole	810	2700		U
143-50-0	Kepone	810	2700		U
91-80-5	Methapyrilene	810	2700		U
56-49-5	3-Methylcholanthrene	810	2700		U
66-27-3	Methyl methanesulfonate	810	2700		U
91-57-6	2-Methylnaphthalene	320	2700		U
298-00-0	Methyl parathion	810	2700		U
106-44-5	4-Methylphenol	810	2700		U
91-20-3	Naphthalene	320	2700		U
95-48-7	2-Methylphenol	810	2700		U
108-39-4	3-Methylphenol	810	2700		U
130-15-4	1,4-Naphthoquinone	810	2700		U
134-32-7	1-Naphthylamine	810	2700		U
91-59-8	2-Naphthylamine	810	2700		U
88-74-4	2-Nitroaniline	810	11000		U
99-09-2	3-Nitroaniline	810	11000		U
100-01-6	4-Nitroaniline	810	11000		U
98-95-3	Nitrobenzene	810	2700		U
88-75-5	2-Nitrophenol	810	2700		U
100-02-7	4-Nitrophenol	810	11000		U
56-57-5	4-Nitroquinoline-1-oxide	810	2700		U
924-16-3	N-Nitrosodi-n-butylamine	810	2700		U
55-18-5	N-Nitrosodiethylamine	810	2700		U
62-75-9	N-Nitroso-di-methylamine	810	2700		U
86-30-6	N-Nitrosodiphenylamine (1)	810	2700		U
621-64-7	N-Nitroso-di-n-propylamine	810	2700		U
10595-95-6	N-Nitrosomethylethylamine	810	2700		U
59-89-2	N-Nitrosomorpholine	810	2700		U
100-75-4	N-Nitrosopiperidine	810	2700		U
930-55-2	N-Nitrosopyrrolidine	810	2700		U
99-55-8	5-Nitro-o-toluidine	810	2700		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1105605

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	810	2700		U
608-93-5	Pentachlorobenzene	810	2700		U
76-01-7	Pentachloroethane	810	2700		U
82-68-8	Pentachloronitrobenzene	810	2700		U
87-86-5	Pentachlorophenol	810	11000		U
62-44-2	Phenacetin	810	2700		U
85-01-8	Phenanthrene	320	2700		U
108-95-2	Phenol	810	2700		U
106-50-3	p-Phenylenediamine	810	2700		U
298-02-2	Phorate	810	2700		U
109-06-8	2-Picoline	810	2700		U
23950-58-5	Pronamide	810	2700		U
129-00-0	Pyrene	320	2700	900	I
110-86-1	Pyridine	810	11000		U
94-59-7	Safrole	810	2700		U
3689-24-5	Sulfotepp	810	2700		U
95-94-3	1,2,4,5-Tetrachlorobenzene	810	2700		U
58-90-2	2,3,4,6-Tetrachlorophenol	810	2700		U
297-97-2	Thionazin	810	2700		U
95-53-4	o-Toluidine	810	2700		U
120-82-1	1,2,4-Trichlorobenzene	810	2700		U
95-95-4	2,4,5-Trichlorophenol	810	2700		U
88-06-2	2,4,6-Trichlorophenol	810	2700		U
126-68-1	O,O,O-Triethylphosphorothioa	810	2700		U
99-35-4	sym-Trinitrobenzene	810	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105606

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	370	3000		U
208-96-8	Acenaphthylene	370	3000	720	I
98-86-2	Acetophenone	920	3000		U
53-96-3	2-Acetylaminofluorene	920	3000		U
92-67-1	4-Aminobiphenyl	920	3000		U
62-53-3	Aniline	920	3000		U
140-57-8	Aramite	920	3000		U
120-12-7	Anthracene	370	3000		U
65-85-0	Benzoic acid	920	12000	7100	I
56-55-3	Benzo(a)anthracene	370	3000	510	I
205-99-2	Benzo(b)fluoranthene	370	3000	740	I
207-08-9	Benzo(k)fluoranthene	370	3000	920	I
191-24-2	Benzo(g,h,i)perylene	370	3000	550	I
50-32-8	Benzo(a)pyrene	370	3000	960	I
100-51-6	Benzyl alcohol	920	3000		U
111-91-1	bis(2-Chloroethoxy)methane	920	3000		U
111-44-4	bis(2-Chloroethyl)ether	920	3000		U
108-60-1	bis(2-Chloroisopropyl)ether	920	3000		U
117-81-7	Bis(2-ethylhexyl)phthalate	920	3000		U
101-55-3	4-Bromophenyl-phenylether	920	3000		U
85-68-7	Butylbenzylphthalate	920	3000		U
106-47-8	4-Chloroaniline	920	3000		U
510-15-6	Chlorobenzilate	920	3000		U
59-50-7	4-Chloro-3-methylphenol	920	3000		U
91-58-7	2-Chloronaphthalene	920	3000		U
95-57-8	2-Chlorophenol	920	3000		U
7005-72-3	4-Chlorophenyl-phenylether	920	3000		U
218-01-9	Chrysene	370	3000	820	I
2303-16-4	Diallate	920	3000		U
53-70-3	Dibenz(a,h)anthracene	370	3000		U
132-64-9	Dibenzofuran	920	3000		U
91-94-1	3,3'-Dichlorobenzidine	1400	3000		U
106-46-7	1,4-Dichlorobenzene	920	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105606

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	920	3000		U
541-73-1	1,3-Dichlorobenzene	920	3000		U
120-83-2	2,4-Dichlorophenol	920	3000		U
87-65-0	2,6-Dichlorophenol	920	3000		U
84-66-2	Diethylphthalate	920	3000		U
60-51-5	Dimethoate	920	3000		U
60-11-7	p-(Dimethylamino)azobenzene	920	3000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	920	3000		U
119-93-7	3,3'-Dimethylbenzidine	920	3000		U
122-09-8	a,a-Dimethyl-phenethylamine	920	3000		U
105-67-9	2,4-Dimethylphenol	920	12000		U
131-11-3	Dimethylphthalate	920	3000		U
84-74-2	Di-n-butylphthalate	920	3000		U
99-65-0	m-Dinitrobenzene	920	3000		U
534-52-1	4,6-Dinitro-2-methylphenol	920	12000		U
51-28-5	2,4-Dinitrophenol	920	30000		U
121-14-2	2,4-Dinitrotoluene	920	3000		U
606-20-2	2,6-Dinitrotoluene	920	3000		U
88-85-7	Dinoseb	920	3000		U
117-84-0	Di-n-octylphthalate	920	3000		U
122-39-4	Diphenylamine	920	3000		U
298-04-4	Disulfoton	920	3000		U
62-50-0	Ethyl methanesulfonate	920	3000		U
52-85-7	Famphur	920	3000		U
206-44-0	Fluoranthene	370	3000	960	I
86-73-7	Fluorene	370	3000		U
118-74-1	Hexachlorobenzene	920	3000		U
87-68-3	Hexachlorobutadiene	920	3000		U
77-47-4	Hexachlorocyclopentadiene	920	3000		U
67-72-1	Hexachloroethane	920	3000		U
70-30-4	Hexachlorophene	920	6100		U
1888-71-7	Hexachloropropene	920	3000		U
193-39-5	Indeno(1,2,3-cd)pyrene	370	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105606

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	920	3000		U
78-59-1	Isophorone	920	3000		U
120-58-1	Isosafrole	920	3000		U
143-50-0	Kepone	920	3000		U
91-80-5	Methapyrilene	920	3000		U
56-49-5	3-Methylcholanthrene	920	3000		U
66-27-3	Methyl methanesulfonate	920	3000		U
91-57-6	2-Methylnaphthalene	370	3000		U
298-00-0	Methyl parathion	920	3000		U
106-44-5	4-Methylphenol	920	3000		U
91-20-3	Naphthalene	370	3000		U
95-48-7	2-Methylphenol	920	3000		U
108-39-4	3-Methylphenol	920	3000		U
130-15-4	1,4-Naphthoquinone	920	3000		U
134-32-7	1-Naphthylamine	920	3000		U
91-59-8	2-Naphthylamine	920	3000		U
88-74-4	2-Nitroaniline	920	12000		U
99-09-2	3-Nitroaniline	920	12000		U
100-01-6	4-Nitroaniline	920	12000		U
98-95-3	Nitrobenzene	920	3000		U
88-75-5	2-Nitrophenol	920	3000		U
100-02-7	4-Nitrophenol	920	12000		U
56-57-5	4-Nitroquinoline-1-oxide	920	3000		U
924-16-3	N-Nitrosodi-n-butylamine	920	3000		U
55-18-5	N-Nitrosodiethylamine	920	3000		U
62-75-9	N-Nitroso-di-methylamine	920	3000		U
86-30-6	N-Nitrosodiphenylamine (1)	920	3000		U
621-64-7	N-Nitroso-di-n-propylamine	920	3000		U
10595-95-6	N-Nitrosomethylethylamine	920	3000		U
59-89-2	N-Nitrosomorpholine	920	3000		U
100-75-4	N-Nitrosopiperidine	920	3000		U
930-55-2	N-Nitrosopyrrolidine	920	3000		U
99-55-8	5-Nitro-o-toluidine	920	3000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105606

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/06/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 13:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	920	3000		U
608-93-5	Pentachlorobenzene	920	3000		U
76-01-7	Pentachloroethane	920	3000		U
82-68-8	Pentachloronitrobenzene	920	3000		U
87-86-5	Pentachlorophenol	920	12000		U
62-44-2	Phenacetin	920	3000		U
85-01-8	Phenanthrene	370	3000		U
108-95-2	Phenol	920	3000		U
106-50-3	p-Phenylenediamine	920	3000		U
298-02-2	Phorate	920	3000		U
109-06-8	2-Picoline	920	3000		U
23950-58-5	Pronamide	920	3000		U
129-00-0	Pyrene	370	3000	2500	I
110-86-1	Pyridine	920	12000		U
94-59-7	Safrole	920	3000		U
3689-24-5	Sulfotepp	920	3000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	920	3000		U
58-90-2	2,3,4,6-Tetrachlorophenol	920	3000		U
297-97-2	Thionazin	920	3000		U
95-53-4	o-Toluidine	920	3000		U
120-82-1	1,2,4-Trichlorobenzene	920	3000		U
95-95-4	2,4,5-Trichlorophenol	920	3000		U
88-06-2	2,4,6-Trichlorophenol	920	3000		U
126-68-1	O,O,O-Triethylphosphorothioa	920	3000		U
99-35-4	sym-Trinitrobenzene	920	3000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105607

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:23

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	320	2700		U
208-96-8	Acenaphthylene	320	2700		U
98-86-2	Acetophenone	810	2700		U
53-96-3	2-Acetylaminofluorene	810	2700		U
92-67-1	4-Aminobiphenyl	810	2700		U
62-53-3	Aniline	810	2700		U
140-57-8	Aramite	810	2700		U
120-12-7	Anthracene	320	2700		U
65-85-0	Benzoic acid	810	11000	5600	I
56-55-3	Benzo(a)anthracene	320	2700		U
205-99-2	Benzo(b)fluoranthene	320	2700		U
207-08-9	Benzo(k)fluoranthene	320	2700		U
191-24-2	Benzo(g,h,i)perylene	320	2700		U
50-32-8	Benzo(a)pyrene	320	2700		U
100-51-6	Benzyl alcohol	810	2700		U
111-91-1	bis(2-Chloroethoxy)methane	810	2700		U
111-44-4	bis(2-Chloroethyl)ether	810	2700		U
108-60-1	bis(2-Chloroisopropyl)ether	810	2700		U
117-81-7	Bis(2-ethylhexyl)phthalate	810	2700		U
101-55-3	4-Bromophenyl-phenylether	810	2700		U
85-68-7	Butylbenzylphthalate	810	2700		U
106-47-8	4-Chloroaniline	810	2700		U
510-15-6	Chlorobenzilate	810	2700		U
59-50-7	4-Chloro-3-methylphenol	810	2700		U
91-58-7	2-Chloronaphthalene	810	2700		U
95-57-8	2-Chlorophenol	810	2700		U
7005-72-3	4-Chlorophenyl-phenylether	810	2700		U
218-01-9	Chrysene	320	2700		U
2303-16-4	Diallate	810	2700		U
53-70-3	Dibenz(a,h)anthracene	320	2700		U
132-64-9	Dibenzofuran	810	2700		U
91-94-1	3,3'-Dichlorobenzidine	1200	2700		U
106-46-7	1,4-Dichlorobenzene	810	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105607

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:23

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	810	2700		U
541-73-1	1,3-Dichlorobenzene	810	2700		U
120-83-2	2,4-Dichlorophenol	810	2700		U
87-65-0	2,6-Dichlorophenol	810	2700		U
84-66-2	Diethylphthalate	810	2700		U
60-51-5	Dimethoate	810	2700		U
60-11-7	p-(Dimethylamino)azobenzene	810	2700		U
57-97-6	7,12-Dimethylbenz[a]anthrace	810	2700		U
119-93-7	3,3'-Dimethylbenzidine	810	2700		U
122-09-8	a,a-Dimethyl-phenethylamine	810	2700		U
105-67-9	2,4-Dimethylphenol	810	11000		U
131-11-3	Dimethylphthalate	810	2700		U
84-74-2	Di-n-butylphthalate	810	2700		U
99-65-0	m-Dinitrobenzene	810	2700		U
534-52-1	4,6-Dinitro-2-methylphenol	810	11000		U
51-28-5	2,4-Dinitrophenol	810	27000		U
121-14-2	2,4-Dinitrotoluene	810	2700		U
606-20-2	2,6-Dinitrotoluene	810	2700		U
88-85-7	Dinoseb	810	2700		U
117-84-0	Di-n-octylphthalate	810	2700		U
122-39-4	Diphenylamine	810	2700		U
298-04-4	Disulfoton	810	2700		U
62-50-0	Ethyl methanesulfonate	810	2700		U
52-85-7	Famphur	810	2700		U
206-44-0	Fluoranthene	320	2700		U
86-73-7	Fluorene	320	2700		U
118-74-1	Hexachlorobenzene	810	2700		U
87-68-3	Hexachlorobutadiene	810	2700		U
77-47-4	Hexachlorocyclopentadiene	810	2700		U
67-72-1	Hexachloroethane	810	2700		U
70-30-4	Hexachlorophene	810	5400		U
1888-71-7	Hexachloropropene	810	2700		U
193-39-5	Indeno(1,2,3-cd)pyrene	320	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105607

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:23

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	810	2700		U
78-59-1	Isophorone	810	2700		U
120-58-1	Isosafrole	810	2700		U
143-50-0	Kepone	810	2700		U
91-80-5	Methapyrilene	810	2700		U
56-49-5	3-Methylcholanthrene	810	2700		U
66-27-3	Methyl methanesulfonate	810	2700		U
91-57-6	2-Methylnaphthalene	320	2700		U
298-00-0	Methyl parathion	810	2700		U
106-44-5	4-Methylphenol	810	2700		U
91-20-3	Naphthalene	320	2700		U
95-48-7	2-Methylphenol	810	2700		U
108-39-4	3-Methylphenol	810	2700		U
130-15-4	1,4-Naphthoquinone	810	2700		U
134-32-7	1-Naphthylamine	810	2700		U
91-59-8	2-Naphthylamine	810	2700		U
88-74-4	2-Nitroaniline	810	11000		U
99-09-2	3-Nitroaniline	810	11000		U
100-01-6	4-Nitroaniline	810	11000		U
98-95-3	Nitrobenzene	810	2700		U
88-75-5	2-Nitrophenol	810	2700		U
100-02-7	4-Nitrophenol	810	11000		U
56-57-5	4-Nitroquinoline-1-oxide	810	2700		U
924-16-3	N-Nitrosodi-n-butylamine	810	2700		U
55-18-5	N-Nitrosodiethylamine	810	2700		U
62-75-9	N-Nitroso-di-methylamine	810	2700		U
86-30-6	N-Nitrosodiphenylamine (1)	810	2700		U
621-64-7	N-Nitroso-di-n-propylamine	810	2700		U
10595-95-6	N-Nitrosomethylethylamine	810	2700		U
59-89-2	N-Nitrosomorpholine	810	2700		U
100-75-4	N-Nitrosopiperidine	810	2700		U
930-55-2	N-Nitrosopyrrolidine	810	2700		U
99-55-8	5-Nitro-o-toluidine	810	2700		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105607

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:23

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	810	2700		U
608-93-5	Pentachlorobenzene	810	2700		U
76-01-7	Pentachloroethane	810	2700		U
82-68-8	Pentachloronitrobenzene	810	2700		U
87-86-5	Pentachlorophenol	810	11000		U
62-44-2	Phenacetin	810	2700		U
85-01-8	Phenanthrene	320	2700		U
108-95-2	Phenol	810	2700		U
106-50-3	p-Phenylenediamine	810	2700		U
298-02-2	Phorate	810	2700		U
109-06-8	2-Picoline	810	2700		U
23950-58-5	Pronamide	810	2700		U
129-00-0	Pyrene	320	2700		U
110-86-1	Pyridine	810	11000		U
94-59-7	Safrole	810	2700		U
3689-24-5	Sulfotepp	810	2700		U
95-94-3	1,2,4,5-Tetrachlorobenzene	810	2700		U
58-90-2	2,3,4,6-Tetrachlorophenol	810	2700		U
297-97-2	Thionazin	810	2700		U
95-53-4	o-Toluidine	810	2700		U
120-82-1	1,2,4-Trichlorobenzene	810	2700		U
95-95-4	2,4,5-Trichlorophenol	810	2700		U
88-06-2	2,4,6-Trichlorophenol	810	2700		U
126-68-1	O,O,O-Triethylphosphorothioa	810	2700		U
99-35-4	sym-Trinitrobenzene	810	2700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 18:44

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	2200	18000	16000	ID
208-96-8	Acenaphthylene	2200	18000	62000	D
98-86-2	Acetophenone	5400	18000		UD
53-96-3	2-Acetylaminofluorene	5400	18000		UD
92-67-1	4-Aminobiphenyl	5400	18000		UD
62-53-3	Aniline	5400	18000		UD
140-57-8	Aramite	5400	18000		UD
120-12-7	Anthracene	2200	18000	14000	ID
65-85-0	Benzoic acid	5400	72000		UD
56-55-3	Benzo(a)anthracene	2200	18000	220000	D
205-99-2	Benzo(b)fluoranthene	2200	18000	140000	D
207-08-9	Benzo(k)fluoranthene	2200	18000	170000	D
191-24-2	Benzo(g,h,i)perylene	2200	18000	170000	D
50-32-8	Benzo(a)pyrene	2200	18000	270000	D
100-51-6	Benzyl alcohol	5400	18000		UD
111-91-1	bis(2-Chloroethoxy)methane	5400	18000		UD
111-44-4	bis(2-Chloroethyl)ether	5400	18000		UD
108-60-1	bis(2-Chloroisopropyl)ether	5400	18000		UD
117-81-7	Bis(2-ethylhexyl)phthalate	5400	18000		UD
101-55-3	4-Bromophenyl-phenylether	5400	18000		UD
85-68-7	Butylbenzylphthalate	5400	18000		UD
106-47-8	4-Chloroaniline	5400	18000		UD
510-15-6	Chlorobenzilate	5400	18000		UD
59-50-7	4-Chloro-3-methylphenol	5400	18000		UD
91-58-7	2-Chloronaphthalene	5400	18000		UD
95-57-8	2-Chlorophenol	5400	18000		UD
7005-72-3	4-Chlorophenyl-phenylether	5400	18000		UD
218-01-9	Chrysene	2200	18000	160000	D
2303-16-4	Diallate	5400	18000		UD
53-70-3	Dibenz(a,h)anthracene	2200	18000	36000	D
132-64-9	Dibenzofuran	5400	18000		UD
91-94-1	3,3'-Dichlorobenzidine	8100	18000		UD
106-46-7	1,4-Dichlorobenzene	5400	18000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 18:44

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	5400	18000		UD
541-73-1	1,3-Dichlorobenzene	5400	18000		UD
120-83-2	2,4-Dichlorophenol	5400	18000		UD
87-65-0	2,6-Dichlorophenol	5400	18000		UD
84-66-2	Diethylphthalate	5400	18000		UD
60-51-5	Dimethoate	5400	18000		UD
60-11-7	p-(Dimethylamino)azobenzene	5400	18000		UD
57-97-6	7,12-Dimethylbenz[a]anthrace	5400	18000		UD
119-93-7	3,3'-Dimethylbenzidine	5400	18000		UD
122-09-8	a,a-Dimethyl-phenethylamine	5400	18000		UD
105-67-9	2,4-Dimethylphenol	5400	72000		UD
131-11-3	Dimethylphthalate	5400	18000		UD
84-74-2	Di-n-butylphthalate	5400	18000		UD
99-65-0	m-Dinitrobenzene	5400	18000		UD
534-52-1	4,6-Dinitro-2-methylphenol	5400	72000		UD J2
51-28-5	2,4-Dinitrophenol	5400	180000		UD J2
121-14-2	2,4-Dinitrotoluene	5400	18000		UD
606-20-2	2,6-Dinitrotoluene	5400	18000		UD
88-85-7	Dinoseb	5400	18000		UD J2
117-84-0	Di-n-octylphthalate	5400	18000		UD
122-39-4	Diphenylamine	5400	18000		UD
298-04-4	Disulfoton	5400	18000		UD
62-50-0	Ethyl methanesulfonate	5400	18000		UD
52-85-7	Famphur	5400	18000		UD
206-44-0	Fluoranthene	2200	18000	140000	D
86-73-7	Fluorene	2200	18000		UD
118-74-1	Hexachlorobenzene	5400	18000		UD
87-68-3	Hexachlorobutadiene	5400	18000		UD
77-47-4	Hexachlorocyclopentadiene	5400	18000		UD J2
67-72-1	Hexachloroethane	5400	18000		UD
70-30-4	Hexachlorophene	5400	36000		UD J2
1888-71-7	Hexachloropropene	5400	18000		UD J2
193-39-5	Indeno(1,2,3-cd)pyrene	2200	18000	160000	D

12/7/06

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 18:44

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	5400	18000		UD
78-59-1	Isophorone	5400	18000		UD
120-58-1	Isosafrole	5400	18000		UD
143-50-0	Kepone	5400	18000		UD
91-80-5	Methapyrilene	5400	18000		UD
56-49-5	3-Methylcholanthrene	5400	18000		UD
66-27-3	Methyl methanesulfonate	5400	18000		UD
91-57-6	2-Methylnaphthalene	2200	18000		UD
298-00-0	Methyl parathion	5400	18000		UD
106-44-5	4-Methylphenol	5400	18000		UD
91-20-3	Naphthalene	2200	18000		UD
95-48-7	2-Methylphenol	5400	18000		UD
108-39-4	3-Methylphenol	5400	18000		UD
130-15-4	1,4-Naphthoquinone	5400	18000		UD
134-32-7	1-Naphthylamine	5400	18000		UD
91-59-8	2-Naphthylamine	5400	18000		UD
88-74-4	2-Nitroaniline	5400	72000		UD
99-09-2	3-Nitroaniline	5400	72000		UD
100-01-6	4-Nitroaniline	5400	72000		UD
98-95-3	Nitrobenzene	5400	18000		UD
88-75-5	2-Nitrophenol	5400	18000		UD
100-02-7	4-Nitrophenol	5400	72000		UD
56-57-5	4-Nitroquinoline-1-oxide	5400	18000		UD JR
924-16-3	N-Nitrosodi-n-butylamine	5400	18000		UD
55-18-5	N-Nitrosodiethylamine	5400	18000		UD
62-75-9	N-Nitroso-di-methylamine	5400	18000		UD
86-30-6	N-Nitrosodiphenylamine (1)	5400	18000		UD
621-64-7	N-Nitroso-di-n-propylamine	5400	18000		UD
10595-95-6	N-Nitrosomethylethylamine	5400	18000		UD
59-89-2	N-Nitrosomorpholine	5400	18000		UD
100-75-4	N-Nitrosopiperidine	5400	18000		UD
930-55-2	N-Nitrosopyrrolidine	5400	18000		UD
99-55-8	5-Nitro-o-toluidine	5400	18000		UD

(1) - Cannot be separated from Diphenylamine

12/7/06

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 18:44

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	5400	18000		UD
608-93-5	Pentachlorobenzene	5400	18000		UD
76-01-7	Pentachloroethane	5400	18000		UD
82-68-8	Pentachloronitrobenzene	5400	18000		UD
87-86-5	Pentachlorophenol	5400	72000		UD
62-44-2	Phenacetin	5400	18000		UD
85-01-8	Phenanthrene	2200	18000		UD
108-95-2	Phenol	5400	18000		UD
106-50-3	p-Phenylenediamine	5400	18000		UD
298-02-2	Phorate	5400	18000		UD
109-06-8	2-Picoline	5400	18000		UD J2
23950-58-5	Pronamide	5400	18000		UD
129-00-0	Pyrene	2200	18000	840000	DL
110-86-1	Pyridine	5400	72000		UD
94-59-7	Safrole	5400	18000		UD
3689-24-5	Sulfotepp	5400	18000		UD
95-94-3	1,2,4,5-Tetrachlorobenzene	5400	18000		UD
58-90-2	2,3,4,6-Tetrachlorophenol	5400	18000		UD
297-97-2	Thionazin	5400	18000		UD
95-53-4	o-Toluidine	5400	18000		UD
120-82-1	1,2,4-Trichlorobenzene	5400	18000		UD
95-95-4	2,4,5-Trichlorophenol	5400	18000		UD
88-06-2	2,4,6-Trichlorophenol	5400	18000		UD
126-68-1	O,O,O-Triethylphosphorothioa	5400	18000		UD
99-35-4	sym-Trinitrobenzene	5400	18000		UD

12/7/06

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:58

Injection Volume: 0.5(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL (ug/L or ug/Kg)	RL	UG/KG CONC	Q
83-32-9	Acenaphthene	22000	180000		UD
208-96-8	Acenaphthylene	22000	180000	48000	ID
98-86-2	Acetophenone	54000	180000		UD
53-96-3	2-Acetylaminofluorene	54000	180000		UD
92-67-1	4-Aminobiphenyl	54000	180000		UD
62-53-3	Aniline	54000	180000		UD
140-57-8	Aramite	54000	180000		UD
120-12-7	Anthracene	22000	180000		UD
65-85-0	Benzoic acid	54000	720000		UD
56-55-3	Benzo(a)anthracene	22000	180000	190000	D
205-99-2	Benzo(b)fluoranthene	22000	180000	130000	ID
207-08-9	Benzo(k)fluoranthene	22000	180000	160000	ID
191-24-2	Benzo(g,h,i)perylene	22000	180000	83000	ID
50-32-8	Benzo(a)pyrene	22000	180000	220000	D
100-51-6	Benzyl alcohol	54000	180000		UD
111-91-1	bis(2-Chloroethoxy)methane	54000	180000		UD
111-44-4	bis(2-Chloroethyl)ether	54000	180000		UD
108-60-1	bis(2-Chloroisopropyl)ether	54000	180000		UD
117-81-7	Bis(2-ethylhexyl)phthalate	54000	180000		UD
101-55-3	4-Bromophenyl-phenylether	54000	180000		UD
85-68-7	Butylbenzylphthalate	54000	180000		UD
106-47-8	4-Chloroaniline	54000	180000		UD
510-15-6	Chlorobenzilate	54000	180000		UD
59-50-7	4-Chloro-3-methylphenol	54000	180000		UD
91-58-7	2-Chloronaphthalene	54000	180000		UD
95-57-8	2-Chlorophenol	54000	180000		UD
7005-72-3	4-Chlorophenyl-phenylether	54000	180000		UD
218-01-9	Chrysene	22000	180000	130000	ID
2303-16-4	Diallate	54000	180000		UD
53-70-3	Dibenz(a,h)anthracene	22000	180000		UD
132-64-9	Dibenzofuran	54000	180000		UD
91-94-1	3,3'-Dichlorobenzidine	81000	180000		UD
106-46-7	1,4-Dichlorobenzene	54000	180000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:58

Injection Volume: 0.5(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	54000	180000		UD
541-73-1	1,3-Dichlorobenzene	54000	180000		UD
120-83-2	2,4-Dichlorophenol	54000	180000		UD
87-65-0	2,6-Dichlorophenol	54000	180000		UD
84-66-2	Diethylphthalate	54000	180000		UD
60-51-5	Dimethoate	54000	180000		UD
60-11-7	p-(Dimethylamino)azobenzene	54000	180000		UD
57-97-6	7,12-Dimethylbenz[a]anthrace	54000	180000		UD
119-93-7	3,3'-Dimethylbenzidine	54000	180000		UD
122-09-8	a,a-Dimethyl-phenethylamine	54000	180000		UD
105-67-9	2,4-Dimethylphenol	54000	720000		UD
131-11-3	Dimethylphthalate	54000	180000		UD
84-74-2	Di-n-butylphthalate	54000	180000		UD
99-65-0	m-Dinitrobenzene	54000	180000		UD
534-52-1	4,6-Dinitro-2-methylphenol	54000	720000		UD
51-28-5	2,4-Dinitrophenol	54000	1800000		UD
121-14-2	2,4-Dinitrotoluene	54000	180000		UD
606-20-2	2,6-Dinitrotoluene	54000	180000		UD
88-85-7	Dinoseb	54000	180000		UD
117-84-0	Di-n-octylphthalate	54000	180000		UD
122-39-4	Diphenylamine	54000	180000		UD
298-04-4	Disulfoton	54000	180000		UD
62-50-0	Ethyl methanesulfonate	54000	180000		UD
52-85-7	Famphur	54000	180000		UD
206-44-0	Fluoranthene	22000	180000	140000	ID
86-73-7	Fluorene	22000	180000		UD
118-74-1	Hexachlorobenzene	54000	180000		UD
87-68-3	Hexachlorobutadiene	54000	180000		UD
77-47-4	Hexachlorocyclopentadiene	54000	180000		UD
67-72-1	Hexachloroethane	54000	180000		UD
70-30-4	Hexachlorophene	54000	360000		UD
1888-71-7	Hexachloropropene	54000	180000		UD
193-39-5	Indeno(1,2,3-cd)pyrene	22000	180000	98000	ID

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:58

Injection Volume: 0.5(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
465-73-6	Isodrin	54000	180000		UD
78-59-1	Isophorone	54000	180000		UD
120-58-1	Isosafrole	54000	180000		UD
143-50-0	Kepone	54000	180000		UD
91-80-5	Methapyrilene	54000	180000		UD
56-49-5	3-Methylcholanthrene	54000	180000		UD
66-27-3	Methyl methanesulfonate	54000	180000		UD
91-57-6	2-Methylnaphthalene	22000	180000		UD
298-00-0	Methyl parathion	54000	180000		UD
106-44-5	4-Methylphenol	54000	180000		UD
91-20-3	Naphthalene	22000	180000		UD
95-48-7	2-Methylphenol	54000	180000		UD
108-39-4	3-Methylphenol	54000	180000		UD
130-15-4	1,4-Naphthoquinone	54000	180000		UD
134-32-7	1-Naphthylamine	54000	180000		UD
91-59-8	2-Naphthylamine	54000	180000		UD
88-74-4	2-Nitroaniline	54000	720000		UD
99-09-2	3-Nitroaniline	54000	720000		UD
100-01-6	4-Nitroaniline	54000	720000		UD
98-95-3	Nitrobenzene	54000	180000		UD
88-75-5	2-Nitrophenol	54000	180000		UD
100-02-7	4-Nitrophenol	54000	720000		UD
56-57-5	4-Nitroquinoline-1-oxide	54000	180000		UD
924-16-3	N-Nitrosodi-n-butylamine	54000	180000		UD
55-18-5	N-Nitrosodiethylamine	54000	180000		UD
62-75-9	N-Nitroso-di-methylamine	54000	180000		UD
86-30-6	N-Nitrosodiphenylamine (1)	54000	180000		UD
621-64-7	N-Nitroso-di-n-propylamine	54000	180000		UD
10595-95-6	N-Nitrosomethylethylamine	54000	180000		UD
59-89-2	N-Nitrosomorpholine	54000	180000		UD
100-75-4	N-Nitrosopiperidine	54000	180000		UD
930-55-2	N-Nitrosopyrrolidine	54000	180000		UD
99-55-8	5-Nitro-o-toluidine	54000	180000		UD

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1105608D

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 14:58

Injection Volume: 0.5(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	54000	180000		UD
608-93-5	Pentachlorobenzene	54000	180000		UD
76-01-7	Pentachloroethane	54000	180000		UD
82-68-8	Pentachloronitrobenzene	54000	180000		UD
87-86-5	Pentachlorophenol	54000	720000		UD
62-44-2	Phenacetin	54000	180000		UD
85-01-8	Phenanthrene	22000	180000		UD
108-95-2	Phenol	54000	180000		UD
106-50-3	p-Phenylenediamine	54000	180000		UD
298-02-2	Phorate	54000	180000		UD
109-06-8	2-Picoline	54000	180000		UD
23950-58-5	Pronamide	54000	180000		UD
129-00-0	Pyrene	22000	180000	700000	D
110-86-1	Pyridine	54000	720000		UD
94-59-7	Safrole	54000	180000		UD
3689-24-5	Sulfotepp	54000	180000		UD
95-94-3	1,2,4,5-Tetrachlorobenzene	54000	180000		UD
58-90-2	2,3,4,6-Tetrachlorophenol	54000	180000		UD
297-97-2	Thionazin	54000	180000		UD
95-53-4	o-Toluidine	54000	180000		UD
120-82-1	1,2,4-Trichlorobenzene	54000	180000		UD
95-95-4	2,4,5-Trichlorophenol	54000	180000		UD
88-06-2	2,4,6-Trichlorophenol	54000	180000		UD
126-68-1	O,O,O-Triethylphosphorothioa	54000	180000		UD
99-35-4	sym-Trinitrobenzene	54000	180000		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105609

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 15:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) UG/KG RL	CONC	Q
83-32-9	Acenaphthene	240	2000		U
208-96-8	Acenaphthylene	240	2000	410	I
98-86-2	Acetophenone	590	2000		U
53-96-3	2-Acetylaminofluorene	590	2000		U
92-67-1	4-Aminobiphenyl	590	2000		U
62-53-3	Aniline	590	2000		U
140-57-8	Aramite	590	2000		U
120-12-7	Anthracene	240	2000		U
65-85-0	Benzoic acid	590	7900		U
56-55-3	Benzo(a)anthracene	240	2000	650	I
205-99-2	Benzo(b)fluoranthene	240	2000	1000	I
207-08-9	Benzo(k)fluoranthene	240	2000	1500	I
191-24-2	Benzo(g,h,i)perylene	240	2000	510	I
50-32-8	Benzo(a)pyrene	240	2000	1100	I
100-51-6	Benzyl alcohol	590	2000		U
111-91-1	bis(2-Chloroethoxy)methane	590	2000		U
111-44-4	bis(2-Chloroethyl)ether	590	2000		U
108-60-1	bis(2-Chloroisopropyl)ether	590	2000		U
117-81-7	Bis(2-ethylhexyl)phthalate	590	2000		U
101-55-3	4-Bromophenyl-phenylether	590	2000		U
85-68-7	Butylbenzylphthalate	590	2000		U
106-47-8	4-Chloroaniline	590	2000		U
510-15-6	Chlorobenzilate	590	2000		U
59-50-7	4-Chloro-3-methylphenol	590	2000		U
91-58-7	2-Chloronaphthalene	590	2000		U
95-57-8	2-Chlorophenol	590	2000		U
7005-72-3	4-Chlorophenyl-phenylether	590	2000		U
218-01-9	Chrysene	240	2000	1300	I
2303-16-4	Diallate	590	2000		U
53-70-3	Dibenz(a,h)anthracene	240	2000		U
132-64-9	Dibenzofuran	590	2000		U
91-94-1	3,3'-Dichlorobenzidine	890	2000		U
106-46-7	1,4-Dichlorobenzene	590	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105609

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 15:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	590	2000		U
541-73-1	1,3-Dichlorobenzene	590	2000		U
120-83-2	2,4-Dichlorophenol	590	2000		U
87-65-0	2,6-Dichlorophenol	590	2000		U
84-66-2	Diethylphthalate	590	2000		U
60-51-5	Dimethoate	590	2000		U
60-11-7	p-(Dimethylamino)azobenzene	590	2000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	590	2000		U
119-93-7	3,3'-Dimethylbenzidine	590	2000		U
122-09-8	a,a-Dimethyl-phenethylamine	590	2000		U
105-67-9	2,4-Dimethylphenol	590	7900		U
131-11-3	Dimethylphthalate	590	2000		U
84-74-2	Di-n-butylphthalate	590	2000		U
99-65-0	m-Dinitrobenzene	590	2000		U
534-52-1	4,6-Dinitro-2-methylphenol	590	7900		U
51-28-5	2,4-Dinitrophenol	590	20000		U
121-14-2	2,4-Dinitrotoluene	590	2000		U
606-20-2	2,6-Dinitrotoluene	590	2000		U
88-85-7	Dinoseb	590	2000		U
117-84-0	Di-n-octylphthalate	590	2000		U
122-39-4	Diphenylamine	590	2000		U
298-04-4	Disulfoton	590	2000		U
62-50-0	Ethyl methanesulfonate	590	2000		U
52-85-7	Famphur	590	2000		U
206-44-0	Fluoranthene	240	2000	1300	I
86-73-7	Fluorene	240	2000		U
118-74-1	Hexachlorobenzene	590	2000		U
87-68-3	Hexachlorobutadiene	590	2000		U
77-47-4	Hexachlorocyclopentadiene	590	2000		U
67-72-1	Hexachloroethane	590	2000		U
70-30-4	Hexachlorophene	590	4000		U
1888-71-7	Hexachloropropene	590	2000		U
193-39-5	Indeno(1,2,3-cd)pyrene	240	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105609

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 15:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
465-73-6	Isodrin	590	2000		U
78-59-1	Isophorone	590	2000		U
120-58-1	Isosafrole	590	2000		U
143-50-0	Kepone	590	2000		U
91-80-5	Methapyrilene	590	2000		U
56-49-5	3-Methylcholanthrene	590	2000		U
66-27-3	Methyl methanesulfonate	590	2000		U
91-57-6	2-Methylnaphthalene	240	2000		U
298-00-0	Methyl parathion	590	2000		U
106-44-5	4-Methylphenol	590	2000		U
91-20-3	Naphthalene	240	2000		U
95-48-7	2-Methylphenol	590	2000		U
108-39-4	3-Methylphenol	590	2000		U
130-15-4	1,4-Naphthoquinone	590	2000		U
134-32-7	1-Naphthylamine	590	2000		U
91-59-8	2-Naphthylamine	590	2000		U
88-74-4	2-Nitroaniline	590	7900		U
99-09-2	3-Nitroaniline	590	7900		U
100-01-6	4-Nitroaniline	590	7900		U
98-95-3	Nitrobenzene	590	2000		U
88-75-5	2-Nitrophenol	590	2000		U
100-02-7	4-Nitrophenol	590	7900		U
56-57-5	4-Nitroquinoline-1-oxide	590	2000		U
924-16-3	N-Nitrosodi-n-butylamine	590	2000		U
55-18-5	N-Nitrosodiethylamine	590	2000		U
62-75-9	N-Nitroso-di-methylamine	590	2000		U
86-30-6	N-Nitrosodiphenylamine (1)	590	2000		U
621-64-7	N-Nitroso-di-n-propylamine	590	2000		U
10595-95-6	N-Nitrosomethylethylamine	590	2000		U
59-89-2	N-Nitrosomorpholine	590	2000		U
100-75-4	N-Nitrosopiperidine	590	2000		U
930-55-2	N-Nitrosopyrrolidine	590	2000		U
99-55-8	5-Nitro-o-toluidine	590	2000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105609

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 15:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	590	2000		U
608-93-5	Pentachlorobenzene	590	2000		U
76-01-7	Pentachloroethane	590	2000		U
82-68-8	Pentachloronitrobenzene	590	2000		U
87-86-5	Pentachlorophenol	590	7900		U
62-44-2	Phenacetin	590	2000		U
85-01-8	Phenanthrene	240	2000	290	I
108-95-2	Phenol	590	2000		U
106-50-3	p-Phenylenediamine	590	2000		U
298-02-2	Phorate	590	2000		U
109-06-8	2-Picoline	590	2000		U
23950-58-5	Pronamide	590	2000		U
129-00-0	Pyrene	240	2000	3000	
110-86-1	Pyridine	590	7900		U
94-59-7	Safrole	590	2000		U
3689-24-5	Sulfotepp	590	2000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	590	2000		U
58-90-2	2,3,4,6-Tetrachlorophenol	590	2000		U
297-97-2	Thionazin	590	2000		U
95-53-4	o-Toluidine	590	2000		U
120-82-1	1,2,4-Trichlorobenzene	590	2000		U
95-95-4	2,4,5-Trichlorophenol	590	2000		U
88-06-2	2,4,6-Trichlorophenol	590	2000		U
126-68-1	O,O,O-Triethylphosphorothioa	590	2000		U
99-35-4	sym-Trinitrobenzene	590	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-33

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105633

% Moisture: 28 decanted: (Y/N) N Date Sampled: 11/05/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:51

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	55	460		U
208-96-8	Acenaphthylene	55	460		U
98-86-2	Acetophenone	140	460		U
53-96-3	2-Acetylaminofluorene	140	460		U
92-67-1	4-Aminobiphenyl	140	460		U
62-53-3	Aniline	140	460		U
140-57-8	Aramite	140	460		U
120-12-7	Anthracene	55	460		U
65-85-0	Benzoic acid	140	1800		U
56-55-3	Benzo(a)anthracene	55	460		U
205-99-2	Benzo(b)fluoranthene	55	460		U
207-08-9	Benzo(k)fluoranthene	55	460		U
191-24-2	Benzo(g,h,i)perylene	55	460		U
50-32-8	Benzo(a)pyrene	55	460		U
100-51-6	Benzyl alcohol	140	460		U
111-91-1	bis(2-Chloroethoxy)methane	140	460		U
111-44-4	bis(2-Chloroethyl)ether	140	460		U
108-60-1	bis(2-Chloroisopropyl)ether	140	460		U
117-81-7	Bis(2-ethylhexyl)phthalate	140	460		U
101-55-3	4-Bromophenyl-phenylether	140	460		U
85-68-7	Butylbenzylphthalate	140	460		U
106-47-8	4-Chloroaniline	140	460		U
510-15-6	Chlorobenzilate	140	460		U
59-50-7	4-Chloro-3-methylphenol	140	460		U
91-58-7	2-Chloronaphthalene	140	460		U
95-57-8	2-Chlorophenol	140	460		U
7005-72-3	4-Chlorophenyl-phenylether	140	460		U
218-01-9	Chrysene	55	460		U
2303-16-4	Diallate	140	460		U
53-70-3	Dibenz(a,h)anthracene	55	460		U
132-64-9	Dibenzofuran	140	460		U
91-94-1	3,3'-Dichlorobenzidine	200	460		U
106-46-7	1,4-Dichlorobenzene	140	460		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-33

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105633

% Moisture: 28 decanted: (Y/N) N Date Sampled: 11/05/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:51

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	140	460		U
541-73-1	1,3-Dichlorobenzene	140	460		U
120-83-2	2,4-Dichlorophenol	140	460		U
87-65-0	2,6-Dichlorophenol	140	460		U
84-66-2	Diethylphthalate	140	460		U
60-51-5	Dimethoate	140	460		U
60-11-7	p-(Dimethylamino)azobenzene	140	460		U
57-97-6	7,12-Dimethylbenz[a]anthrace	140	460		U
119-93-7	3,3'-Dimethylbenzidine	140	460		U
122-09-8	a,a-Dimethyl-phenethylamine	140	460		U
105-67-9	2,4-Dimethylphenol	140	1800		U
131-11-3	Dimethylphthalate	140	460		U
84-74-2	Di-n-butylphthalate	140	460		U
99-65-0	m-Dinitrobenzene	140	460		U
534-52-1	4,6-Dinitro-2-methylphenol	140	1800		U
51-28-5	2,4-Dinitrophenol	140	4600		U
121-14-2	2,4-Dinitrotoluene	140	460		U
606-20-2	2,6-Dinitrotoluene	140	460		U
88-85-7	Dinoseb	140	460		U
117-84-0	Di-n-octylphthalate	140	460		U
122-39-4	Diphenylamine	140	460		U
298-04-4	Disulfoton	140	460		U
62-50-0	Ethyl methanesulfonate	140	460		U
52-85-7	Famphur	140	460		U
206-44-0	Fluoranthene	55	460		U
86-73-7	Fluorene	55	460		U
118-74-1	Hexachlorobenzene	140	460		U
87-68-3	Hexachlorobutadiene	140	460		U
77-47-4	Hexachlorocyclopentadiene	140	460		U
67-72-1	Hexachloroethane	140	460		U
70-30-4	Hexachlorophene	140	910		U
1888-71-7	Hexachloropropene	140	460		U
193-39-5	Indeno(1,2,3-cd)pyrene	55	460		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-33

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105633

% Moisture: 28 decanted: (Y/N) N Date Sampled: 11/05/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:51

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL.	RL	CONC	Q
465-73-6	Isodrin	140	460		U
78-59-1	Isophorone	140	460		U
120-58-1	Isosafrole	140	460		U
143-50-0	Kepone	140	460		U
91-80-5	Methapyrilene	140	460		U
56-49-5	3-Methylcholanthrene	140	460		U
66-27-3	Methyl methanesulfonate	140	460		U
91-57-6	2-Methylnaphthalene	55	460		U
298-00-0	Methyl parathion	140	460		U
106-44-5	4-Methylphenol	140	460		U
91-20-3	Naphthalene	55	460		U
95-48-7	2-Methylphenol	140	460		U
108-39-4	3-Methylphenol	140	460		U
130-15-4	1,4-Naphthoquinone	140	460		U
134-32-7	1-Naphthylamine	140	460		U
91-59-8	2-Naphthylamine	140	460		U
88-74-4	2-Nitroaniline	140	1800		U
99-09-2	3-Nitroaniline	140	1800		U
100-01-6	4-Nitroaniline	140	1800		U
98-95-3	Nitrobenzene	140	460		U
88-75-5	2-Nitrophenol	140	460		U
100-02-7	4-Nitrophenol	140	1800		U
56-57-5	4-Nitroquinoline-1-oxide	140	460		U
924-16-3	N-Nitrosodi-n-butylamine	140	460		U
55-18-5	N-Nitrosodiethylamine	140	460		U
62-75-9	N-Nitroso-di-methylamine	140	460		U
86-30-6	N-Nitrosodiphenylamine (1)	140	460		U
621-64-7	N-Nitroso-di-n-propylamine	140	460		U
10595-95-6	N-Nitrosomethylethylamine	140	460		U
59-89-2	N-Nitrosomorpholine	140	460		U
100-75-4	N-Nitrosopiperidine	140	460		U
930-55-2	N-Nitrosopyrrolidine	140	460		U
99-55-8	5-Nitro-o-toluidine	140	460		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-33

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105633

% Moisture: 28 decanted: (Y/N) N Date Sampled: 11/05/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:51

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
56-38-2	Parathion	140	460		U
608-93-5	Pentachlorobenzene	140	460		U
76-01-7	Pentachloroethane	140	460		U
82-68-8	Pentachloronitrobenzene	140	460		U
87-86-5	Pentachlorophenol	140	1800		U
62-44-2	Phenacetin	140	460		U
85-01-8	Phenanthrene	55	460		U
108-95-2	Phenol	140	460		U
106-50-3	p-Phenylenediamine	140	460		U
298-02-2	Phorate	140	460		U
109-06-8	2-Picoline	140	460		U
23950-58-5	Pronamide	140	460		U
129-00-0	Pyrene	55	460		U
110-86-1	Pyridine	140	1800		U
94-59-7	Safrole	140	460		U
3689-24-5	Sulfotepp	140	460		U
95-94-3	1,2,4,5-Tetrachlorobenzene	140	460		U
58-90-2	2,3,4,6-Tetrachlorophenol	140	460		U
297-97-2	Thionazin	140	460		U
95-53-4	o-Toluidine	140	460		U
120-82-1	1,2,4-Trichlorobenzene	140	460		U
95-95-4	2,4,5-Trichlorophenol	140	460		U
88-06-2	2,4,6-Trichlorophenol	140	460		U
126-68-1	O,O,O-Triethylphosphorothioa	140	460		U
99-35-4	sym-Trinitrobenzene	140	460		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105611

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	60	500		U
208-96-8	Acenaphthylene	60	500		U
98-86-2	Acetophenone	150	500		U
53-96-3	2-Acetylaminofluorene	150	500		U
92-67-1	4-Aminobiphenyl	150	500		U
62-53-3	Aniline	150	500		U
140-57-8	Aramite	150	500		U
120-12-7	Anthracene	60	500		U
65-85-0	Benzoic acid	150	2000		U
56-55-3	Benzo(a)anthracene	60	500		U
205-99-2	Benzo(b)fluoranthene	60	500		U
207-08-9	Benzo(k)fluoranthene	60	500		U
191-24-2	Benzo(g,h,i)perylene	60	500		U
50-32-8	Benzo(a)pyrene	60	500	97	I
100-51-6	Benzyl alcohol	150	500		U
111-91-1	bis(2-Chloroethoxy)methane	150	500		U
111-44-4	bis(2-Chloroethyl)ether	150	500		U
108-60-1	bis(2-Chloroisopropyl)ether	150	500		U
117-81-7	Bis(2-ethylhexyl)phthalate	150	500		U
101-55-3	4-Bromophenyl-phenylether	150	500		U
85-68-7	Butylbenzylphthalate	150	500		U
106-47-8	4-Chloroaniline	150	500		U
510-15-6	Chlorobenzilate	150	500		U
59-50-7	4-Chloro-3-methylphenol	150	500		U
91-58-7	2-Chloronaphthalene	150	500		U
95-57-8	2-Chlorophenol	150	500		U
7005-72-3	4-Chlorophenyl-phenylether	150	500		U
218-01-9	Chrysene	60	500	110	I
2303-16-4	Diallate	150	500		U
53-70-3	Dibenz(a,h)anthracene	60	500		U
132-64-9	Dibenzofuran	150	500		U
91-94-1	3,3'-Dichlorobenzidine	220	500		U
106-46-7	1,4-Dichlorobenzene	150	500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105611

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	150	500		U
541-73-1	1,3-Dichlorobenzene	150	500		U
120-83-2	2,4-Dichlorophenol	150	500		U
87-65-0	2,6-Dichlorophenol	150	500		U
84-66-2	Diethylphthalate	150	500		U
60-51-5	Dimethoate	150	500		U
60-11-7	p-(Dimethylamino)azobenzene	150	500		U
57-97-6	7,12-Dimethylbenz[a]anthrace	150	500		U
119-93-7	3,3'-Dimethylbenzidine	150	500		U
122-09-8	a,a-Dimethyl-phenethylamine	150	500		U
105-67-9	2,4-Dimethylphenol	150	2000		U
131-11-3	Dimethylphthalate	150	500		U
84-74-2	Di-n-butylphthalate	150	500		U
99-65-0	m-Dinitrobenzene	150	500		U
534-52-1	4,6-Dinitro-2-methylphenol	150	2000		U
51-28-5	2,4-Dinitrophenol	150	5000		U
121-14-2	2,4-Dinitrotoluene	150	500		U
606-20-2	2,6-Dinitrotoluene	150	500		U
88-85-7	Dinoseb	150	500		U
117-84-0	Di-n-octylphthalate	150	500		U
122-39-4	Diphenylamine	150	500		U
298-04-4	Disulfoton	150	500		U
62-50-0	Ethyl methanesulfonate	150	500		U
52-85-7	Famphur	150	500		U
206-44-0	Fluoranthene	60	500	110	I
86-73-7	Fluorene	60	500		U
118-74-1	Hexachlorobenzene	150	500		U
87-68-3	Hexachlorobutadiene	150	500		U
77-47-4	Hexachlorocyclopentadiene	150	500		U
67-72-1	Hexachloroethane	150	500		U
70-30-4	Hexachlorophene	150	990		U
1888-71-7	Hexachloropropene	150	500		U
193-39-5	Indeno(1,2,3-cd)pyrene	60	500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105611

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	150	500		U
78-59-1	Isophorone	150	500		U
120-58-1	Isosafrole	150	500		U
143-50-0	Kepone	150	500		U
91-80-5	Methapyrilene	150	500		U
56-49-5	3-Methylcholanthrene	150	500		U
66-27-3	Methyl methanesulfonate	150	500		U
91-57-6	2-Methylnaphthalene	60	500		U
298-00-0	Methyl parathion	150	500		U
106-44-5	4-Methylphenol	150	500		U
91-20-3	Naphthalene	60	500		U
95-48-7	2-Methylphenol	150	500		U
108-39-4	3-Methylphenol	150	500		U
130-15-4	1,4-Naphthoquinone	150	500		U
134-32-7	1-Naphthylamine	150	500		U
91-59-8	2-Naphthylamine	150	500		U
88-74-4	2-Nitroaniline	150	2000		U
99-09-2	3-Nitroaniline	150	2000		U
100-01-6	4-Nitroaniline	150	2000		U
98-95-3	Nitrobenzene	150	500		U
88-75-5	2-Nitrophenol	150	500		U
100-02-7	4-Nitrophenol	150	2000		U
56-57-5	4-Nitroquinoline-1-oxide	150	500		U
924-16-3	N-Nitrosodi-n-butylamine	150	500		U
55-18-5	N-Nitrosodiethylamine	150	500		U
62-75-9	N-Nitroso-di-methylamine	150	500		U
86-30-6	N-Nitrosodiphenylamine (1)	150	500		U
621-64-7	N-Nitroso-di-n-propylamine	150	500		U
10595-95-6	N-Nitrosomethylethylamine	150	500		U
59-89-2	N-Nitrosomorpholine	150	500		U
100-75-4	N-Nitrosopiperidine	150	500		U
930-55-2	N-Nitrosopyrrolidine	150	500		U
99-55-8	5-Nitro-o-toluidine	150	500		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105611

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 16:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	150	500		U
608-93-5	Pentachlorobenzene	150	500		U
76-01-7	Pentachloroethane	150	500		U
82-68-8	Pentachloronitrobenzene	150	500		U
87-86-5	Pentachlorophenol	150	2000		U
62-44-2	Phenacetin	150	500		U
85-01-8	Phenanthrene	60	500		U
108-95-2	Phenol	150	500		U
106-50-3	p-Phenylenediamine	150	500		U
298-02-2	Phorate	150	500		U
109-06-8	2-Picoline	150	500		U
23950-58-5	Pronamide	150	500		U
129-00-0	Pyrene	60	500	110	I
110-86-1	Pyridine	150	2000		U
94-59-7	Safrole	150	500		U
3689-24-5	Sulfotepp	150	500		U
95-94-3	1,2,4,5-Tetrachlorobenzene	150	500		U
58-90-2	2,3,4,6-Tetrachlorophenol	150	500		U
297-97-2	Thionazin	150	500		U
95-53-4	o-Toluidine	150	500		U
120-82-1	1,2,4-Trichlorobenzene	150	500		U
95-95-4	2,4,5-Trichlorophenol	150	500		U
88-06-2	2,4,6-Trichlorophenol	150	500		U
126-68-1	O,O,O-Triethylphosphorothioa	150	500		U
99-35-4	sym-Trinitrobenzene	150	500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105612

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	49	410		U
208-96-8	Acenaphthylene	49	410		U
98-86-2	Acetophenone	120	410		U
53-96-3	2-Acetylaminofluorene	120	410		U
92-67-1	4-Aminobiphenyl	120	410		U
62-53-3	Aniline	120	410		U
140-57-8	Aramite	120	410		U
120-12-7	Anthracene	49	410		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	49	410	55	I
205-99-2	Benzo(b)fluoranthene	49	410	150	I
207-08-9	Benzo(k)fluoranthene	49	410	95	I
191-24-2	Benzo(g,h,i)perylene	49	410		U
50-32-8	Benzo(a)pyrene	49	410	92	I
100-51-6	Benzyl alcohol	120	410		U
111-91-1	bis(2-Chloroethoxy)methane	120	410		U
111-44-4	bis(2-Chloroethyl)ether	120	410		U
108-60-1	bis(2-Chloroisopropyl)ether	120	410		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	410		U
101-55-3	4-Bromophenyl-phenylether	120	410		U
85-68-7	Butylbenzylphthalate	120	410		U
106-47-8	4-Chloroaniline	120	410		U
510-15-6	Chlorobenzilate	120	410		U
59-50-7	4-Chloro-3-methylphenol	120	410		U
91-58-7	2-Chloronaphthalene	120	410		U
95-57-8	2-Chlorophenol	120	410		U
7005-72-3	4-Chlorophenyl-phenylether	120	410		U
218-01-9	Chrysene	49	410	110	I
2303-16-4	Diallate	120	410		U
53-70-3	Dibenz(a,h)anthracene	49	410		U
132-64-9	Dibenzofuran	120	410		U
91-94-1	3,3'-Dichlorobenzidine	180	410		U
106-46-7	1,4-Dichlorobenzene	120	410		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105612

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	410		U
541-73-1	1,3-Dichlorobenzene	120	410		U
120-83-2	2,4-Dichlorophenol	120	410		U
87-65-0	2,6-Dichlorophenol	120	410		U
84-66-2	Diethylphthalate	120	410		U
60-51-5	Dimethoate	120	410		U
60-11-7	p-(Dimethylamino)azobenzene	120	410		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	410		U
119-93-7	3,3'-Dimethylbenzidine	120	410		U
122-09-8	a,a-Dimethyl-phenethylamine	120	410		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	410		U
84-74-2	Di-n-butylphthalate	120	410		U
99-65-0	m-Dinitrobenzene	120	410		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	4100		U
121-14-2	2,4-Dinitrotoluene	120	410		U
606-20-2	2,6-Dinitrotoluene	120	410		U
88-85-7	Dinoseb	120	410		U
117-84-0	Di-n-octylphthalate	120	410		U
122-39-4	Diphenylamine	120	410		U
298-04-4	Disulfoton	120	410		U
62-50-0	Ethyl methanesulfonate	120	410		U
52-85-7	Famphur	120	410		U
206-44-0	Fluoranthene	49	410	110	I
86-73-7	Fluorene	49	410		U
118-74-1	Hexachlorobenzene	120	410		U
87-68-3	Hexachlorobutadiene	120	410		U
77-47-4	Hexachlorocyclopentadiene	120	410		U
67-72-1	Hexachloroethane	120	410		U
70-30-4	Hexachlorophene	120	810		U
1888-71-7	Hexachloropropene	120	410		U
193-39-5	Indeno(1,2,3-cd)pyrene	49	410	58	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105612

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	120	410		U
78-59-1	Isophorone	120	410		U
120-58-1	Isosafrole	120	410		U
143-50-0	Kepone	120	410		U
91-80-5	Methapyrilene	120	410		U
56-49-5	3-Methylcholanthrene	120	410		U
66-27-3	Methyl methanesulfonate	120	410		U
91-57-6	2-Methylnaphthalene	49	410		U
298-00-0	Methyl parathion	120	410		U
106-44-5	4-Methylphenol	120	410		U
91-20-3	Naphthalene	49	410		U
95-48-7	2-Methylphenol	120	410		U
108-39-4	3-Methylphenol	120	410		U
130-15-4	1,4-Naphthoquinone	120	410		U
134-32-7	1-Naphthylamine	120	410		U
91-59-8	2-Naphthylamine	120	410		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	410		U
88-75-5	2-Nitrophenol	120	410		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	410		U
924-16-3	N-Nitrosodi-n-butylamine	120	410		U
55-18-5	N-Nitrosodiethylamine	120	410		U
62-75-9	N-Nitroso-di-methylamine	120	410		U
86-30-6	N-Nitrosodiphenylamine (1)	120	410		U
621-64-7	N-Nitroso-di-n-propylamine	120	410		U
10595-95-6	N-Nitrosomethylethylamine	120	410		U
59-89-2	N-Nitrosomorpholine	120	410		U
100-75-4	N-Nitrosopiperidine	120	410		U
930-55-2	N-Nitrosopyrrolidine	120	410		U
99-55-8	5-Nitro-o-toluidine	120	410		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105612

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	120	410		U
608-93-5	Pentachlorobenzene	120	410		U
76-01-7	Pentachloroethane	120	410		U
82-68-8	Pentachloronitrobenzene	120	410		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	410		U
85-01-8	Phenanthrene	49	410		U
108-95-2	Phenol	120	410		U
106-50-3	p-Phenylenediamine	120	410		U
298-02-2	Phorate	120	410		U
109-06-8	2-Picoline	120	410		U
23950-58-5	Pronamide	120	410		U
129-00-0	Pyrene	49	410	98	I
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	410		U
3689-24-5	Sulfotepp	120	410		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	410		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	410		U
297-97-2	Thionazin	120	410		U
95-53-4	o-Toluidine	120	410		U
120-82-1	1,2,4-Trichlorobenzene	120	410		U
95-95-4	2,4,5-Trichlorophenol	120	410		U
88-06-2	2,4,6-Trichlorophenol	120	410		U
126-68-1	O,O,O-Triethylphosphorothioa	120	410		U
99-35-4	sym-Trinitrobenzene	120	410		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13

Sample wt/vol: 15.8 (g/mL) G Lab File ID: 1105613

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	57	480		U
208-96-8	Acenaphthylene	57	480		U
98-86-2	Acetophenone	140	480		U
53-96-3	2-Acetylaminofluorene	140	480		U
92-67-1	4-Aminobiphenyl	140	480		U
62-53-3	Aniline	140	480		U
140-57-8	Aramite	140	480		U
120-12-7	Anthracene	57	480		U
65-85-0	Benzoic acid	140	1900		U
56-55-3	Benzo(a)anthracene	57	480	140	I
205-99-2	Benzo(b)fluoranthene	57	480	290	I
207-08-9	Benzo(k)fluoranthene	57	480	230	I
191-24-2	Benzo(g,h,i)perylene	57	480	84	I
50-32-8	Benzo(a)pyrene	57	480	210	I
100-51-6	Benzyl alcohol	140	480		U
111-91-1	bis(2-Chloroethoxy)methane	140	480		U
111-44-4	bis(2-Chloroethyl)ether	140	480		U
108-60-1	bis(2-Chloroisopropyl)ether	140	480		U
117-81-7	Bis(2-ethylhexyl)phthalate	140	480		U
101-55-3	4-Bromophenyl-phenylether	140	480		U
85-68-7	Butylbenzylphthalate	140	480		U
106-47-8	4-Chloroaniline	140	480		U
510-15-6	Chlorobenzilate	140	480		U
59-50-7	4-Chloro-3-methylphenol	140	480		U
91-58-7	2-Chloronaphthalene	140	480		U
95-57-8	2-Chlorophenol	140	480		U
7005-72-3	4-Chlorophenyl-phenylether	140	480		U
218-01-9	Chrysene	57	480	220	I
2303-16-4	Diallate	140	480		U
53-70-3	Dibenz(a,h)anthracene	57	480		U
132-64-9	Dibenzofuran	140	480		U
91-94-1	3,3'-Dichlorobenzidine	210	480		U
106-46-7	1,4-Dichlorobenzene	140	480		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13

Sample wt/vol: 15.8 (g/mL) G Lab File ID: 1105613

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL (ug/L or ug/Kg)	RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	140	480		U
541-73-1	1,3-Dichlorobenzene	140	480		U
120-83-2	2,4-Dichlorophenol	140	480		U
87-65-0	2,6-Dichlorophenol	140	480		U
84-66-2	Diethylphthalate	140	480		U
60-51-5	Dimethoate	140	480		U
60-11-7	p-(Dimethylamino)azobenzene	140	480		U
57-97-6	7,12-Dimethylbenz[a]anthrace	140	480		U
119-93-7	3,3'-Dimethylbenzidine	140	480		U
122-09-8	a,a-Dimethyl-phenethylamine	140	480		U
105-67-9	2,4-Dimethylphenol	140	1900		U
131-11-3	Dimethylphthalate	140	480		U
84-74-2	Di-n-butylphthalate	140	480		U
99-65-0	m-Dinitrobenzene	140	480		U
534-52-1	4,6-Dinitro-2-methylphenol	140	1900		U
51-28-5	2,4-Dinitrophenol	140	4800		U
121-14-2	2,4-Dinitrotoluene	140	480		U
606-20-2	2,6-Dinitrotoluene	140	480		U
88-85-7	Dinoseb	140	480		U
117-84-0	Di-n-octylphthalate	140	480		U
122-39-4	Diphenylamine	140	480		U
298-04-4	Disulfoton	140	480		U
62-50-0	Ethyl methanesulfonate	140	480		U
52-85-7	Famphur	140	480		U
206-44-0	Fluoranthene	57	480	380	I
86-73-7	Fluorene	57	480		U
118-74-1	Hexachlorobenzene	140	480		U
87-68-3	Hexachlorobutadiene	140	480		U
77-47-4	Hexachlorocyclopentadiene	140	480		U
67-72-1	Hexachloroethane	140	480		U
70-30-4	Hexachlorophene	140	950		U
1888-71-7	Hexachloropropene	140	480		U
193-39-5	Indeno(1,2,3-cd)pyrene	57	480	130	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13

Sample wt/vol: 15.8 (g/mL) G Lab File ID: 1105613

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	140	480		U
78-59-1	Isophorone	140	480		U
120-58-1	Isosafrole	140	480		U
143-50-0	Kepone	140	480		U
91-80-5	Methapyrilene	140	480		U
56-49-5	3-Methylcholanthrene	140	480		U
66-27-3	Methyl methanesulfonate	140	480		U
91-57-6	2-Methylnaphthalene	57	480		U
298-00-0	Methyl parathion	140	480		U
106-44-5	4-Methylphenol	140	480		U
91-20-3	Naphthalene	57	480		U
95-48-7	2-Methylphenol	140	480		U
108-39-4	3-Methylphenol	140	480		U
130-15-4	1,4-Naphthoquinone	140	480		U
134-32-7	1-Naphthylamine	140	480		U
91-59-8	2-Naphthylamine	140	480		U
88-74-4	2-Nitroaniline	140	1900		U
99-09-2	3-Nitroaniline	140	1900		U
100-01-6	4-Nitroaniline	140	1900		U
98-95-3	Nitrobenzene	140	480		U
88-75-5	2-Nitrophenol	140	480		U
100-02-7	4-Nitrophenol	140	1900		U
56-57-5	4-Nitroquinoline-1-oxide	140	480		U
924-16-3	N-Nitrosodi-n-butylamine	140	480		U
55-18-5	N-Nitrosodiethylamine	140	480		U
62-75-9	N-Nitroso-di-methylamine	140	480		U
86-30-6	N-Nitrosodiphenylamine (1)	140	480		U
621-64-7	N-Nitroso-di-n-propylamine	140	480		U
10595-95-6	N-Nitrosomethylethylamine	140	480		U
59-89-2	N-Nitrosomorpholine	140	480		U
100-75-4	N-Nitrosopiperidine	140	480		U
930-55-2	N-Nitrosopyrrolidine	140	480		U
99-55-8	5-Nitro-o-toluidine	140	480		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13

Sample wt/vol: 15.8 (g/mL) G Lab File ID: 1105613

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 17:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	140	480		U
608-93-5	Pentachlorobenzene	140	480		U
76-01-7	Pentachloroethane	140	480		U
82-68-8	Pentachloronitrobenzene	140	480		U
87-86-5	Pentachlorophenol	140	1900		U
62-44-2	Phenacetin	140	480		U
85-01-8	Phenanthrene	57	480	200	I
108-95-2	Phenol	140	480		U
106-50-3	p-Phenylenediamine	140	480		U
298-02-2	Phorate	140	480		U
109-06-8	2-Picoline	140	480		U
23950-58-5	Pronamide	140	480		U
129-00-0	Pyrene	57	480	270	I
110-86-1	Pyridine	140	1900		U
94-59-7	Safrole	140	480		U
3689-24-5	Sulfotepp	140	480		U
95-94-3	1,2,4,5-Tetrachlorobenzene	140	480		U
58-90-2	2,3,4,6-Tetrachlorophenol	140	480		U
297-97-2	Thionazin	140	480		U
95-53-4	o-Toluidine	140	480		U
120-82-1	1,2,4-Trichlorobenzene	140	480		U
95-95-4	2,4,5-Trichlorophenol	140	480		U
88-06-2	2,4,6-Trichlorophenol	140	480		U
126-68-1	O,O,O-Triethylphosphorothioa	140	480		U
99-35-4	sym-Trinitrobenzene	140	480		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105614

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 18:26

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	47	390		U
208-96-8	Acenaphthylene	47	390		U
98-86-2	Acetophenone	120	390		U
53-96-3	2-Acetylaminofluorene	120	390		U
92-67-1	4-Aminobiphenyl	120	390		U
62-53-3	Aniline	120	390		U
140-57-8	Aramite	120	390		U
120-12-7	Anthracene	47	390		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	47	390	90	I
205-99-2	Benzo(b)fluoranthene	47	390	310	I
207-08-9	Benzo(k)fluoranthene	47	390	220	I
191-24-2	Benzo(g,h,i)perylene	47	390	76	I
50-32-8	Benzo(a)pyrene	47	390	190	I
100-51-6	Benzyl alcohol	120	390		U
111-91-1	bis(2-Chloroethoxy)methane	120	390		U
111-44-4	bis(2-Chloroethyl)ether	120	390		U
108-60-1	bis(2-Chloroisopropyl)ether	120	390		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	390	500	
101-55-3	4-Bromophenyl-phenylether	120	390		U
85-68-7	Butylbenzylphthalate	120	390	220	I
106-47-8	4-Chloroaniline	120	390		U
510-15-6	Chlorobenzilate	120	390		U
59-50-7	4-Chloro-3-methylphenol	120	390		U
91-58-7	2-Chloronaphthalene	120	390		U
95-57-8	2-Chlorophenol	120	390		U
7005-72-3	4-Chlorophenyl-phenylether	120	390		U
218-01-9	Chrysene	47	390	200	I
2303-16-4	Diallate	120	390		U
53-70-3	Dibenz(a,h)anthracene	47	390		U
132-64-9	Dibenzofuran	120	390		U
91-94-1	3,3'-Dichlorobenzidine	180	390		U
106-46-7	1,4-Dichlorobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105614

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 18:26

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	390		U
541-73-1	1,3-Dichlorobenzene	120	390		U
120-83-2	2,4-Dichlorophenol	120	390		U
87-65-0	2,6-Dichlorophenol	120	390		U
84-66-2	Diethylphthalate	120	390		U
60-51-5	Dimethoate	120	390		U
60-11-7	p-(Dimethylamino)azobenzene	120	390		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	390		U
119-93-7	3,3'-Dimethylbenzidine	120	390		U
122-09-8	a,a-Dimethyl-phenethylamine	120	390		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	390		U
84-74-2	Di-n-butylphthalate	120	390		U
99-65-0	m-Dinitrobenzene	120	390		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	3900		U
121-14-2	2,4-Dinitrotoluene	120	390		U
606-20-2	2,6-Dinitrotoluene	120	390		U
88-85-7	Dinoseb	120	390		U
117-84-0	Di-n-octylphthalate	120	390		U
122-39-4	Diphenylamine	120	390		U
298-04-4	Disulfoton	120	390		U
62-50-0	Ethyl methanesulfonate	120	390		U
52-85-7	Famphur	120	390		U
206-44-0	Fluoranthene	47	390	220	I
86-73-7	Fluorene	47	390		U
118-74-1	Hexachlorobenzene	120	390		U
87-68-3	Hexachlorobutadiene	120	390		U
77-47-4	Hexachlorocyclopentadiene	120	390		U
67-72-1	Hexachloroethane	120	390		U
70-30-4	Hexachlorophene	120	780		U
1888-71-7	Hexachloropropene	120	390		U
193-39-5	Indeno(1,2,3-cd)pyrene	47	390	140	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105614

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 18:26

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
465-73-6	Isodrin	120	390		U
78-59-1	Isophorone	120	390		U
120-58-1	Isosafrole	120	390		U
143-50-0	Kepone	120	390		U
91-80-5	Methapyrilene	120	390		U
56-49-5	3-Methylcholanthrene	120	390		U
66-27-3	Methyl methanesulfonate	120	390		U
91-57-6	2-Methylnaphthalene	47	390		U
298-00-0	Methyl parathion	120	390		U
106-44-5	4-Methylphenol	120	390		U
91-20-3	Naphthalene	47	390		U
95-48-7	2-Methylphenol	120	390		U
108-39-4	3-Methylphenol	120	390		U
130-15-4	1,4-Naphthoquinone	120	390		U
134-32-7	1-Naphthylamine	120	390		U
91-59-8	2-Naphthylamine	120	390		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	390		U
88-75-5	2-Nitrophenol	120	390		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	390		U
924-16-3	N-Nitrosodi-n-butylamine	120	390		U
55-18-5	N-Nitrosodiethylamine	120	390		U
62-75-9	N-Nitroso-di-methylamine	120	390		U
86-30-6	N-Nitrosodiphenylamine (1)	120	390		U
621-64-7	N-Nitroso-di-n-propylamine	120	390		U
10595-95-6	N-Nitrosomethylethylamine	120	390		U
59-89-2	N-Nitrosomorpholine	120	390		U
100-75-4	N-Nitrosopiperidine	120	390		U
930-55-2	N-Nitrosopyrrolidine	120	390		U
99-55-8	5-Nitro-o-toluidine	120	390		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105614

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 18:26

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	120	390		U
608-93-5	Pentachlorobenzene	120	390		U
76-01-7	Pentachloroethane	120	390		U
82-68-8	Pentachloronitrobenzene	120	390		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	390		U
85-01-8	Phenanthrene	47	390	56	I
108-95-2	Phenol	120	390		U
106-50-3	p-Phenylenediamine	120	390		U
298-02-2	Phorate	120	390		U
109-06-8	2-Picoline	120	390		U
23950-58-5	Pronamide	120	390		U
129-00-0	Pyrene	47	390	210	I
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	390		U
3689-24-5	Sulfotepp	120	390		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	390		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	390		U
297-97-2	Thionazin	120	390		U
95-53-4	o-Toluidine	120	390		U
120-82-1	1,2,4-Trichlorobenzene	120	390		U
95-95-4	2,4,5-Trichlorophenol	120	390		U
88-06-2	2,4,6-Trichlorophenol	120	390		U
126-68-1	O,O,O-Triethylphosphorothioa	120	390		U
99-35-4	sym-Trinitrobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105615

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	60	500		U
208-96-8	Acenaphthylene	60	500		U
98-86-2	Acetophenone	150	500		U
53-96-3	2-Acetylaminofluorene	150	500		U
92-67-1	4-Aminobiphenyl	150	500		U
62-53-3	Aniline	150	500		U
140-57-8	Aramite	150	500		U
120-12-7	Anthracene	60	500		U
65-85-0	Benzoic acid	150	2000		U
56-55-3	Benzo(a)anthracene	60	500	230	I
205-99-2	Benzo(b)fluoranthene	60	500	970	
207-08-9	Benzo(k)fluoranthene	60	500	670	
191-24-2	Benzo(g,h,i)perylene	60	500	190	I
50-32-8	Benzo(a)pyrene	60	500	510	
100-51-6	Benzyl alcohol	150	500		U
111-91-1	bis(2-Chloroethoxy)methane	150	500		U
111-44-4	bis(2-Chloroethyl)ether	150	500		U
108-60-1	bis(2-Chloroisopropyl)ether	150	500		U
117-81-7	Bis(2-ethylhexyl)phthalate	150	500		U
101-55-3	4-Bromophenyl-phenylether	150	500		U
85-68-7	Butylbenzylphthalate	150	500		U
106-47-8	4-Chloroaniline	150	500		U
510-15-6	Chlorobenzilate	150	500		U
59-50-7	4-Chloro-3-methylphenol	150	500		U
91-58-7	2-Chloronaphthalene	150	500		U
95-57-8	2-Chlorophenol	150	500		U
7005-72-3	4-Chlorophenyl-phenylether	150	500		U
218-01-9	Chrysene	60	500	520	
2303-16-4	Diallate	150	500		U
53-70-3	Dibenz(a,h)anthracene	60	500		U
132-64-9	Dibenzofuran	150	500		U
91-94-1	3,3'-Dichlorobenzidine	220	500		U
106-46-7	1,4-Dichlorobenzene	150	500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105615

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	150	500		U
541-73-1	1,3-Dichlorobenzene	150	500		U
120-83-2	2,4-Dichlorophenol	150	500		U
87-65-0	2,6-Dichlorophenol	150	500		U
84-66-2	Diethylphthalate	150	500		U
60-51-5	Dimethoate	150	500		U
60-11-7	p-(Dimethylamino)azobenzene	150	500		U
57-97-6	7,12-Dimethylbenz[a]anthrace	150	500		U
119-93-7	3,3'-Dimethylbenzidine	150	500		U
122-09-8	a,a-Dimethyl-phenethylamine	150	500		U
105-67-9	2,4-Dimethylphenol	150	2000		U
131-11-3	Dimethylphthalate	150	500		U
84-74-2	Di-n-butylphthalate	150	500		U
99-65-0	m-Dinitrobenzene	150	500		U
534-52-1	4,6-Dinitro-2-methylphenol	150	2000		U
51-28-5	2,4-Dinitrophenol	150	5000		U
121-14-2	2,4-Dinitrotoluene	150	500		U
606-20-2	2,6-Dinitrotoluene	150	500		U
88-85-7	Dinoseb	150	500		U
117-84-0	Di-n-octylphthalate	150	500		U
122-39-4	Diphenylamine	150	500		U
298-04-4	Disulfoton	150	500		U
62-50-0	Ethyl methanesulfonate	150	500		U
52-85-7	Famphur	150	500		U
206-44-0	Fluoranthene	60	500	620	
86-73-7	Fluorene	60	500		U
118-74-1	Hexachlorobenzene	150	500		U
87-68-3	Hexachlorobutadiene	150	500		U
77-47-4	Hexachlorocyclopentadiene	150	500		U
67-72-1	Hexachloroethane	150	500		U
70-30-4	Hexachlorophene	150	1000		U
1888-71-7	Hexachloropropene	150	500		U
193-39-5	Indeno(1,2,3-cd)pyrene	60	500	300	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105615

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	150	500		U
78-59-1	Isophorone	150	500		U
120-58-1	Isosafrole	150	500		U
143-50-0	Kepone	150	500		U
91-80-5	Methapyrilene	150	500		U
56-49-5	3-Methylcholanthrene	150	500		U
66-27-3	Methyl methanesulfonate	150	500		U
91-57-6	2-Methylnaphthalene	60	500		U
298-00-0	Methyl parathion	150	500		U
106-44-5	4-Methylphenol	150	500		U
91-20-3	Naphthalene	60	500		U
95-48-7	2-Methylphenol	150	500		U
108-39-4	3-Methylphenol	150	500		U
130-15-4	1,4-Naphthoquinone	150	500		U
134-32-7	1-Naphthylamine	150	500		U
91-59-8	2-Naphthylamine	150	500		U
88-74-4	2-Nitroaniline	150	2000		U
99-09-2	3-Nitroaniline	150	2000		U
100-01-6	4-Nitroaniline	150	2000		U
98-95-3	Nitrobenzene	150	500		U
88-75-5	2-Nitrophenol	150	500		U
100-02-7	4-Nitrophenol	150	2000		U
56-57-5	4-Nitroquinoline-1-oxide	150	500		U
924-16-3	N-Nitrosodi-n-butylamine	150	500		U
55-18-5	N-Nitrosodiethylamine	150	500		U
62-75-9	N-Nitroso-di-methylamine	150	500		U
86-30-6	N-Nitrosodiphenylamine (1)	150	500		U
621-64-7	N-Nitroso-di-n-propylamine	150	500		U
10595-95-6	N-Nitrosomethylethylamine	150	500		U
59-89-2	N-Nitrosomorpholine	150	500		U
100-75-4	N-Nitrosopiperidine	150	500		U
930-55-2	N-Nitrosopyrrolidine	150	500		U
99-55-8	5-Nitro-o-toluidine	150	500		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105615

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	150	500		U
608-93-5	Pentachlorobenzene	150	500		U
76-01-7	Pentachloroethane	150	500		U
82-68-8	Pentachloronitrobenzene	150	500		U
87-86-5	Pentachlorophenol	150	2000		U
62-44-2	Phenacetin	150	500		U
85-01-8	Phenanthrene	60	500	140	I
108-95-2	Phenol	150	500		U
106-50-3	p-Phenylenediamine	150	500		U
298-02-2	Phorate	150	500		U
109-06-8	2-Picoline	150	500		U
23950-58-5	Pronamide	150	500		U
129-00-0	Pyrene	60	500	460	I
110-86-1	Pyridine	150	2000		U
94-59-7	Safrole	150	500		U
3689-24-5	Sulfotepp	150	500		U
95-94-3	1,2,4,5-Tetrachlorobenzene	150	500		U
58-90-2	2,3,4,6-Tetrachlorophenol	150	500		U
297-97-2	Thionazin	150	500		U
95-53-4	o-Toluidine	150	500		U
120-82-1	1,2,4-Trichlorobenzene	150	500		U
95-95-4	2,4,5-Trichlorophenol	150	500		U
88-06-2	2,4,6-Trichlorophenol	150	500		U
126-68-1	O,O,O-Triethylphosphorothioa	150	500		U
99-35-4	sym-Trinitrobenzene	150	500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105616

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	49	410		U
208-96-8	Acenaphthylene	49	410		U
98-86-2	Acetophenone	120	410		U
53-96-3	2-Acetylaminofluorene	120	410		U
92-67-1	4-Aminobiphenyl	120	410		U
62-53-3	Aniline	120	410		U
140-57-8	Aramite	120	410		U
120-12-7	Anthracene	49	410		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	49	410	490	
205-99-2	Benzo(b)fluoranthene	49	410	1400	
207-08-9	Benzo(k)fluoranthene	49	410	1100	
191-24-2	Benzo(g,h,i)perylene	49	410	380	I
50-32-8	Benzo(a)pyrene	49	410	920	
100-51-6	Benzyl alcohol	120	410		U
111-91-1	bis(2-Chloroethoxy)methane	120	410		U
111-44-4	bis(2-Chloroethyl)ether	120	410		U
108-60-1	bis(2-Chloroisopropyl)ether	120	410		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	410		U
101-55-3	4-Bromophenyl-phenylether	120	410		U
85-68-7	Butylbenzylphthalate	120	410		U
106-47-8	4-Chloroaniline	120	410		U
510-15-6	Chlorobenzilate	120	410		U
59-50-7	4-Chloro-3-methylphenol	120	410		U
91-58-7	2-Chloronaphthalene	120	410		U
95-57-8	2-Chlorophenol	120	410		U
7005-72-3	4-Chlorophenyl-phenylether	120	410		U
218-01-9	Chrysene	49	410	1100	
2303-16-4	Diallate	120	410		U
53-70-3	Dibenz(a,h)anthracene	49	410	140	I
132-64-9	Dibenzofuran	120	410		U
91-94-1	3,3'-Dichlorobenzidine	180	410		U
106-46-7	1,4-Dichlorobenzene	120	410		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105616

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	410		U
541-73-1	1,3-Dichlorobenzene	120	410		U
120-83-2	2,4-Dichlorophenol	120	410		U
87-65-0	2,6-Dichlorophenol	120	410		U
84-66-2	Diethylphthalate	120	410		U
60-51-5	Dimethoate	120	410		U
60-11-7	p-(Dimethylamino)azobenzene	120	410		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	410		U
119-93-7	3,3'-Dimethylbenzidine	120	410		U
122-09-8	a,a-Dimethyl-phenethylamine	120	410		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	410		U
84-74-2	Di-n-butylphthalate	120	410		U
99-65-0	m-Dinitrobenzene	120	410		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	4100		U
121-14-2	2,4-Dinitrotoluene	120	410		U
606-20-2	2,6-Dinitrotoluene	120	410		U
88-85-7	Dinoseb	120	410		U
117-84-0	Di-n-octylphthalate	120	410		U
122-39-4	Diphenylamine	120	410		U
298-04-4	Disulfoton	120	410		U
62-50-0	Ethyl methanesulfonate	120	410		U
52-85-7	Famphur	120	410		U
206-44-0	Fluoranthene	49	410	1100	
86-73-7	Fluorene	49	410		U
118-74-1	Hexachlorobenzene	120	410		U
87-68-3	Hexachlorobutadiene	120	410		U
77-47-4	Hexachlorocyclopentadiene	120	410		U
67-72-1	Hexachloroethane	120	410		U
70-30-4	Hexachlorophene	120	820		U
1888-71-7	Hexachloropropene	120	410		U
193-39-5	Indeno(1,2,3-cd)pyrene	49	410	590	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105616

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	120	410		U
78-59-1	Isophorone	120	410		U
120-58-1	Isosafrole	120	410		U
143-50-0	Kepone	120	410		U
91-80-5	Methapyrilene	120	410		U
56-49-5	3-Methylcholanthrene	120	410		U
66-27-3	Methyl methanesulfonate	120	410		U
91-57-6	2-Methylnaphthalene	49	410		U
298-00-0	Methyl parathion	120	410		U
106-44-5	4-Methylphenol	120	410		U
91-20-3	Naphthalene	49	410		U
95-48-7	2-Methylphenol	120	410		U
108-39-4	3-Methylphenol	120	410		U
130-15-4	1,4-Naphthoquinone	120	410		U
134-32-7	1-Naphthylamine	120	410		U
91-59-8	2-Naphthylamine	120	410		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	410		U
88-75-5	2-Nitrophenol	120	410		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	410		U
924-16-3	N-Nitrosodi-n-butylamine	120	410		U
55-18-5	N-Nitrosodiethylamine	120	410		U
62-75-9	N-Nitroso-di-methylamine	120	410		U
86-30-6	N-Nitrosodiphenylamine (1)	120	410		U
621-64-7	N-Nitroso-di-n-propylamine	120	410		U
10595-95-6	N-Nitrosomethylethylamine	120	410		U
59-89-2	N-Nitrosomorpholine	120	410		U
100-75-4	N-Nitrosopiperidine	120	410		U
930-55-2	N-Nitrosopyrrolidine	120	410		U
99-55-8	5-Nitro-o-toluidine	120	410		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105616

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/29/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	120	410		U
608-93-5	Pentachlorobenzene	120	410		U
76-01-7	Pentachloroethane	120	410		U
82-68-8	Pentachloronitrobenzene	120	410		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	410		U
85-01-8	Phenanthrene	49	410	220	I
108-95-2	Phenol	120	410		U
106-50-3	p-Phenylenediamine	120	410		U
298-02-2	Phorate	120	410		U
109-06-8	2-Picoline	120	410		U
23950-58-5	Pronamide	120	410		U
129-00-0	Pyrene	49	410	920	
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	410		U
3689-24-5	Sulfotepp	120	410		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	410		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	410		U
297-97-2	Thionazin	120	410		U
95-53-4	o-Toluidine	120	410		U
120-82-1	1,2,4-Trichlorobenzene	120	410		U
95-95-4	2,4,5-Trichlorophenol	120	410		U
88-06-2	2,4,6-Trichlorophenol	120	410		U
126-68-1	O,O,O-Triethylphosphorothioa	120	410		U
99-35-4	sym-Trinitrobenzene	120	410		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105617

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 09:55

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	110	950		U
208-96-8	Acenaphthylene	110	950		U
98-86-2	Acetophenone	280	950		U
53-96-3	2-Acetylaminofluorene	280	950		U
92-67-1	4-Aminobiphenyl	280	950		U
62-53-3	Aniline	280	950		U
140-57-8	Aramite	280	950		U
120-12-7	Anthracene	110	950	200	I
65-85-0	Benzoic acid	280	3800	960	I
56-55-3	Benzo(a)anthracene	110	950	3800	
205-99-2	Benzo(b)fluoranthene	110	950	8200	
207-08-9	Benzo(k)fluoranthene	110	950	5500	
191-24-2	Benzo(g,h,i)perylene	110	950	3600	
50-32-8	Benzo(a)pyrene	110	950	5800	
100-51-6	Benzyl alcohol	280	950		U
111-91-1	bis(2-Chloroethoxy)methane	280	950		U
111-44-4	bis(2-Chloroethyl)ether	280	950		U
108-60-1	bis(2-Chloroisopropyl)ether	280	950		U
117-81-7	Bis(2-ethylhexyl)phthalate	280	950		U
101-55-3	4-Bromophenyl-phenylether	280	950		U
85-68-7	Butylbenzylphthalate	280	950		U
106-47-8	4-Chloroaniline	280	950		U
510-15-6	Chlorobenzilate	280	950		U
59-50-7	4-Chloro-3-methylphenol	280	950		U
91-58-7	2-Chloronaphthalene	280	950		U
95-57-8	2-Chlorophenol	280	950		U
7005-72-3	4-Chlorophenyl-phenylether	280	950		U
218-01-9	Chrysene	110	950	6900	
2303-16-4	Diallate	280	950		U
53-70-3	Dibenz(a,h)anthracene	110	950	1200	
132-64-9	Dibenzofuran	280	950		U
91-94-1	3,3'-Dichlorobenzidine	430	950		U
106-46-7	1,4-Dichlorobenzene	280	950		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105617

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 09:55

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	280	950		U
541-73-1	1,3-Dichlorobenzene	280	950		U
120-83-2	2,4-Dichlorophenol	280	950		U
87-65-0	2,6-Dichlorophenol	280	950		U
84-66-2	Diethylphthalate	280	950		U
60-51-5	Dimethoate	280	950		U
60-11-7	p-(Dimethylamino)azobenzene	280	950		U
57-97-6	7,12-Dimethylbenz[a]anthrace	280	950		U
119-93-7	3,3'-Dimethylbenzidine	280	950		U
122-09-8	a,a-Dimethyl-phenethylamine	280	950		U
105-67-9	2,4-Dimethylphenol	280	3800		U
131-11-3	Dimethylphthalate	280	950		U
84-74-2	Di-n-butylphthalate	280	950		U
99-65-0	m-Dinitrobenzene	280	950		U
534-52-1	4,6-Dinitro-2-methylphenol	280	3800		U
51-28-5	2,4-Dinitrophenol	280	9500		U
121-14-2	2,4-Dinitrotoluene	280	950		U
606-20-2	2,6-Dinitrotoluene	280	950		U
88-85-7	Dinoseb	280	950		U
117-84-0	Di-n-octylphthalate	280	950		U
122-39-4	Diphenylamine	280	950		U
298-04-4	Disulfoton	280	950		U
62-50-0	Ethyl methanesulfonate	280	950		U
52-85-7	Famphur	280	950		U
206-44-0	Fluoranthene	110	950	8600	
86-73-7	Fluorene	110	950		U
118-74-1	Hexachlorobenzene	280	950		U
87-68-3	Hexachlorobutadiene	280	950		U
77-47-4	Hexachlorocyclopentadiene	280	950		U
67-72-1	Hexachloroethane	280	950		U
70-30-4	Hexachlorophene	280	1900		U
1888-71-7	Hexachloropropene	280	950		U
193-39-5	Indeno(1,2,3-cd)pyrene	110	950	4700	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105617

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 09:55

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	280	950		U
78-59-1	Isophorone	280	950		U
120-58-1	Isosafrole	280	950		U
143-50-0	Kepone	280	950		U
91-80-5	Methapyrilene	280	950		U
56-49-5	3-Methylcholanthrene	280	950		U
66-27-3	Methyl methanesulfonate	280	950		U
91-57-6	2-Methylnaphthalene	110	950		U
298-00-0	Methyl parathion	280	950		U
106-44-5	4-Methylphenol	280	950		U
91-20-3	Naphthalene	110	950		U
95-48-7	2-Methylphenol	280	950		U
108-39-4	3-Methylphenol	280	950		U
130-15-4	1,4-Naphthoquinone	280	950		U
134-32-7	1-Naphthylamine	280	950		U
91-59-8	2-Naphthylamine	280	950		U
88-74-4	2-Nitroaniline	280	3800		U
99-09-2	3-Nitroaniline	280	3800		U
100-01-6	4-Nitroaniline	280	3800		U
98-95-3	Nitrobenzene	280	950		U
88-75-5	2-Nitrophenol	280	950		U
100-02-7	4-Nitrophenol	280	3800		U
56-57-5	4-Nitroquinoline-1-oxide	280	950		U
924-16-3	N-Nitrosodi-n-butylamine	280	950		U
55-18-5	N-Nitrosodiethylamine	280	950		U
62-75-9	N-Nitroso-di-methylamine	280	950		U
86-30-6	N-Nitrosodiphenylamine (1)	280	950		U
621-64-7	N-Nitroso-di-n-propylamine	280	950		U
10595-95-6	N-Nitrosomethylethylamine	280	950		U
59-89-2	N-Nitrosomorpholine	280	950		U
100-75-4	N-Nitrosopiperidine	280	950		U
930-55-2	N-Nitrosopyrrolidine	280	950		U
99-55-8	5-Nitro-o-toluidine	280	950		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1105617

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 09:55

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	280	950		U
608-93-5	Pentachlorobenzene	280	950		U
76-01-7	Pentachloroethane	280	950		U
82-68-8	Pentachloronitrobenzene	280	950		U
87-86-5	Pentachlorophenol	280	3800		U
62-44-2	Phenacetin	280	950		U
85-01-8	Phenanthrene	110	950	3100	
108-95-2	Phenol	280	950		U
106-50-3	p-Phenylenediamine	280	950		U
298-02-2	Phorate	280	950		U
109-06-8	2-Picoline	280	950		U
23950-58-5	Pronamide	280	950		U
129-00-0	Pyrene	110	950	7500	
110-86-1	Pyridine	280	3800		U
94-59-7	Safrole	280	950		U
3689-24-5	Sulfotepp	280	950		U
95-94-3	1,2,4,5-Tetrachlorobenzene	280	950		U
58-90-2	2,3,4,6-Tetrachlorophenol	280	950		U
297-97-2	Thionazin	280	950		U
95-53-4	o-Toluidine	280	950		U
120-82-1	1,2,4-Trichlorobenzene	280	950		U
95-95-4	2,4,5-Trichlorophenol	280	950		U
88-06-2	2,4,6-Trichlorophenol	280	950		U
126-68-1	O,O,O-Triethylphosphorothioa	280	950		U
99-35-4	sym-Trinitrobenzene	280	950		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105618

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	70	580		U
208-96-8	Acenaphthylene	70	580		U
98-86-2	Acetophenone	170	580		U
53-96-3	2-Acetylaminofluorene	170	580		U
92-67-1	4-Aminobiphenyl	170	580		U
62-53-3	Aniline	170	580		U
140-57-8	Aramite	170	580		U
120-12-7	Anthracene	70	580		U
65-85-0	Benzoic acid	170	2300		U
56-55-3	Benzo(a)anthracene	70	580	440	I
205-99-2	Benzo(b)fluoranthene	70	580	1500	
207-08-9	Benzo(k)fluoranthene	70	580	960	
191-24-2	Benzo(g,h,i)perylene	70	580	1100	
50-32-8	Benzo(a)pyrene	70	580	880	
100-51-6	Benzyl alcohol	170	580		U
111-91-1	bis(2-Chloroethoxy)methane	170	580		U
111-44-4	bis(2-Chloroethyl)ether	170	580		U
108-60-1	bis(2-Chloroisopropyl)ether	170	580		U
117-81-7	Bis(2-ethylhexyl)phthalate	170	580		U
101-55-3	4-Bromophenyl-phenylether	170	580		U
85-68-7	Butylbenzylphthalate	170	580		U
106-47-8	4-Chloroaniline	170	580		U
510-15-6	Chlorobenzilate	170	580		U
59-50-7	4-Chloro-3-methylphenol	170	580		U
91-58-7	2-Chloronaphthalene	170	580		U
95-57-8	2-Chlorophenol	170	580		U
7005-72-3	4-Chlorophenyl-phenylether	170	580		U
218-01-9	Chrysene	70	580	870	
2303-16-4	Diallate	170	580		U
53-70-3	Dibenz(a,h)anthracene	70	580		U
132-64-9	Dibenzofuran	170	580		U
91-94-1	3,3'-Dichlorobenzidine	260	580		U
106-46-7	1,4-Dichlorobenzene	170	580		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105618

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	170	580		U
541-73-1	1,3-Dichlorobenzene	170	580		U
120-83-2	2,4-Dichlorophenol	170	580		U
87-65-0	2,6-Dichlorophenol	170	580		U
84-66-2	Diethylphthalate	170	580		U
60-51-5	Dimethoate	170	580		U
60-11-7	p-(Dimethylamino)azobenzene	170	580		U
57-97-6	7,12-Dimethylbenz[a]anthrace	170	580		U
119-93-7	3,3'-Dimethylbenzidine	170	580		U
122-09-8	a,a-Dimethyl-phenethylamine	170	580		U
105-67-9	2,4-Dimethylphenol	170	2300		U
131-11-3	Dimethylphthalate	170	580		U
84-74-2	Di-n-butylphthalate	170	580		U
99-65-0	m-Dinitrobenzene	170	580		U
534-52-1	4,6-Dinitro-2-methylphenol	170	2300		U
51-28-5	2,4-Dinitrophenol	170	5800		U
121-14-2	2,4-Dinitrotoluene	170	580		U
606-20-2	2,6-Dinitrotoluene	170	580		U
88-85-7	Dinoseb	170	580		U
117-84-0	Di-n-octylphthalate	170	580		U
122-39-4	Diphenylamine	170	580		U
298-04-4	Disulfoton	170	580		U
62-50-0	Ethyl methanesulfonate	170	580		U
52-85-7	Famphur	170	580		U
206-44-0	Fluoranthene	70	580	590	
86-73-7	Fluorene	70	580		U
118-74-1	Hexachlorobenzene	170	580		U
87-68-3	Hexachlorobutadiene	170	580		U
77-47-4	Hexachlorocyclopentadiene	170	580		U
67-72-1	Hexachloroethane	170	580		U
70-30-4	Hexachlorophene	170	1200		U
1888-71-7	Hexachloropropene	170	580		U
193-39-5	Indeno(1,2,3-cd)pyrene	70	580	1400	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105618

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	170	580		U
78-59-1	Isophorone	170	580		U
120-58-1	Isosafrole	170	580		U
143-50-0	Kepone	170	580		U
91-80-5	Methapyrilene	170	580		U
56-49-5	3-Methylcholanthrene	170	580		U
66-27-3	Methyl methanesulfonate	170	580		U
91-57-6	2-Methylnaphthalene	70	580		U
298-00-0	Methyl parathion	170	580		U
106-44-5	4-Methylphenol	170	580		U
91-20-3	Naphthalene	70	580		U
95-48-7	2-Methylphenol	170	580		U
108-39-4	3-Methylphenol	170	580		U
130-15-4	1,4-Naphthoquinone	170	580		U
134-32-7	1-Naphthylamine	170	580		U
91-59-8	2-Naphthylamine	170	580		U
88-74-4	2-Nitroaniline	170	2300		U
99-09-2	3-Nitroaniline	170	2300		U
100-01-6	4-Nitroaniline	170	2300		U
98-95-3	Nitrobenzene	170	580		U
88-75-5	2-Nitrophenol	170	580		U
100-02-7	4-Nitrophenol	170	2300		U
56-57-5	4-Nitroquinoline-1-oxide	170	580		U
924-16-3	N-Nitrosodi-n-butylamine	170	580		U
55-18-5	N-Nitrosodiethylamine	170	580		U
62-75-9	N-Nitroso-di-methylamine	170	580		U
86-30-6	N-Nitrosodiphenylamine (1)	170	580		U
621-64-7	N-Nitroso-di-n-propylamine	170	580		U
10595-95-6	N-Nitrosomethylethylamine	170	580		U
59-89-2	N-Nitrosomorpholine	170	580		U
100-75-4	N-Nitrosopiperidine	170	580		U
930-55-2	N-Nitrosopyrrolidine	170	580		U
99-55-8	5-Nitro-o-toluidine	170	580		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105618

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	170	580		U
608-93-5	Pentachlorobenzene	170	580		U
76-01-7	Pentachloroethane	170	580		U
82-68-8	Pentachloronitrobenzene	170	580		U
87-86-5	Pentachlorophenol	170	2300		U
62-44-2	Phenacetin	170	580		U
85-01-8	Phenanthrene	70	580	150	I
108-95-2	Phenol	170	580		U
106-50-3	p-Phenylenediamine	170	580		U
298-02-2	Phorate	170	580		U
109-06-8	2-Picoline	170	580		U
23950-58-5	Pronamide	170	580		U
129-00-0	Pyrene	70	580	1000	
110-86-1	Pyridine	170	2300		U
94-59-7	Safrole	170	580		U
3689-24-5	Sulfotepp	170	580		U
95-94-3	1,2,4,5-Tetrachlorobenzene	170	580		U
58-90-2	2,3,4,6-Tetrachlorophenol	170	580		U
297-97-2	Thionazin	170	580		U
95-53-4	o-Toluidine	170	580		U
120-82-1	1,2,4-Trichlorobenzene	170	580		U
95-95-4	2,4,5-Trichlorophenol	170	580		U
88-06-2	2,4,6-Trichlorophenol	170	580		U
126-68-1	O,O,O-Triethylphosphorothioa	170	580		U
99-35-4	sym-Trinitrobenzene				

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 10:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	68	570		U
208-96-8	Acenaphthylene	68	570		U
98-86-2	Acetophenone	170	570		U
53-96-3	2-Acetylaminofluorene	170	570		U
92-67-1	4-Aminobiphenyl	170	570		U
62-53-3	Aniline	170	570		U
140-57-8	Aramite	170	570		U
120-12-7	Anthracene	68	570	96	I
65-85-0	Benzoic acid	170	2300		U
56-55-3	Benzo(a)anthracene	68	570	1700	
205-99-2	Benzo(b)fluoranthene	68	570	4300	
207-08-9	Benzo(k)fluoranthene	68	570	3500	
191-24-2	Benzo(g,h,i)perylene	68	570	2500	
50-32-8	Benzo(a)pyrene	68	570	4100	
100-51-6	Benzyl alcohol	170	570		U
111-91-1	bis(2-Chloroethoxy)methane	170	570		U
111-44-4	bis(2-Chloroethyl)ether	170	570		U
108-60-1	bis(2-Chloroisopropyl)ether	170	570		U
117-81-7	Bis(2-ethylhexyl)phthalate	170	570	1800	
101-55-3	4-Bromophenyl-phenylether	170	570		U
85-68-7	Butylbenzylphthalate	170	570	590	
106-47-8	4-Chloroaniline	170	570		U
510-15-6	Chlorobenzilate	170	570		U
59-50-7	4-Chloro-3-methylphenol	170	570		U
91-58-7	2-Chloronaphthalene	170	570		U
95-57-8	2-Chlorophenol	170	570		U
7005-72-3	4-Chlorophenyl-phenylether	170	570		U
218-01-9	Chrysene	68	570	2700	
2303-16-4	Diallate	170	570		U
53-70-3	Dibenz(a,h)anthracene	68	570	870	
132-64-9	Dibenzofuran	170	570		U
91-94-1	3,3'-Dichlorobenzidine	260	570		U
106-46-7	1,4-Dichlorobenzene	170	570		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 10:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	170	570		U
541-73-1	1,3-Dichlorobenzene	170	570		U
120-83-2	2,4-Dichlorophenol	170	570		U
87-65-0	2,6-Dichlorophenol	170	570		U
84-66-2	Diethylphthalate	170	570		U
60-51-5	Dimethoate	170	570		U
60-11-7	p-(Dimethylamino)azobenzene	170	570		U
57-97-6	7,12-Dimethylbenz[a]anthrace	170	570		U
119-93-7	3,3'-Dimethylbenzidine	170	570		U
122-09-8	a,a-Dimethyl-phenethylamine	170	570		U
105-67-9	2,4-Dimethylphenol	170	2300		U
131-11-3	Dimethylphthalate	170	570		U
84-74-2	Di-n-butylphthalate	170	570		U
99-65-0	m-Dinitrobenzene	170	570		U
534-52-1	4,6-Dinitro-2-methylphenol	170	2300		U
51-28-5	2,4-Dinitrophenol	170	5700		U
121-14-2	2,4-Dinitrotoluene	170	570		U
606-20-2	2,6-Dinitrotoluene	170	570		U
88-85-7	Dinoseb	170	570		U
117-84-0	Di-n-octylphthalate	170	570		U
122-39-4	Diphenylamine	170	570		U
298-04-4	Disulfoton	170	570		U
62-50-0	Ethyl methanesulfonate	170	570		U
52-85-7	Famphur	170	570		U
206-44-0	Fluoranthene	68	570	1800	
86-73-7	Fluorene	68	570		U
118-74-1	Hexachlorobenzene	170	570		U
87-68-3	Hexachlorobutadiene	170	570		U
77-47-4	Hexachlorocyclopentadiene	170	570		U
67-72-1	Hexachloroethane	170	570		U
70-30-4	Hexachlorophene	170	1100		U
1888-71-7	Hexachloropropene	170	570		U
193-39-5	Indeno(1,2,3-cd)pyrene	68	570	3300	

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 10:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	170	570		U
78-59-1	Isophorone	170	570		U
120-58-1	Isosafrole	170	570		U
143-50-0	Kepone	170	570		U
91-80-5	Methapyrilene	170	570		U
56-49-5	3-Methylcholanthrene	170	570		U
66-27-3	Methyl methanesulfonate	170	570		U
91-57-6	2-Methylnaphthalene	68	570		U
298-00-0	Methyl parathion	170	570		U
106-44-5	4-Methylphenol	170	570		U
91-20-3	Naphthalene	68	570		U
95-48-7	2-Methylphenol	170	570		U
108-39-4	3-Methylphenol	170	570		U
130-15-4	1,4-Naphthoquinone	170	570		U
134-32-7	1-Naphthylamine	170	570		U
91-59-8	2-Naphthylamine	170	570		U
88-74-4	2-Nitroaniline	170	2300		U
99-09-2	3-Nitroaniline	170	2300		U
100-01-6	4-Nitroaniline	170	2300		U
98-95-3	Nitrobenzene	170	570		U
88-75-5	2-Nitrophenol	170	570		U
100-02-7	4-Nitrophenol	170	2300		U
56-57-5	4-Nitroquinoline-1-oxide	170	570		U
924-16-3	N-Nitrosodi-n-butylamine	170	570		U
55-18-5	N-Nitrosodiethylamine	170	570		U
62-75-9	N-Nitroso-di-methylamine	170	570		U
86-30-6	N-Nitrosodiphenylamine (1)	170	570		U
621-64-7	N-Nitroso-di-n-propylamine	170	570		U
10595-95-6	N-Nitrosomethylethylamine	170	570		U
59-89-2	N-Nitrosomorpholine	170	570		U
100-75-4	N-Nitrosopiperidine	170	570		U
930-55-2	N-Nitrosopyrrolidine	170	570		U
99-55-8	5-Nitro-o-toluidine	170	570		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 10:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	170	570		U
608-93-5	Pentachlorobenzene	170	570		U
76-01-7	Pentachloroethane	170	570		U
82-68-8	Pentachloronitrobenzene	170	570		U
87-86-5	Pentachlorophenol	170	2300		U
62-44-2	Phenacetin	170	570		U
85-01-8	Phenanthrene	68	570	360	I
108-95-2	Phenol	170	570		U
106-50-3	p-Phenylenediamine	170	570		U
298-02-2	Phorate	170	570		U
109-06-8	2-Picoline	170	570		U
23950-58-5	Pronamide	170	570		U
129-00-0	Pyrene	68	570	2200	
110-86-1	Pyridine	170	2300		U
94-59-7	Safrole	170	570		U
3689-24-5	Sulfotepp	170	570		U
95-94-3	1,2,4,5-Tetrachlorobenzene	170	570		U
58-90-2	2,3,4,6-Tetrachlorophenol	170	570		U
297-97-2	Thionazin	170	570		U
95-53-4	o-Toluidine	170	570		U
120-82-1	1,2,4-Trichlorobenzene	170	570		U
95-95-4	2,4,5-Trichlorophenol	170	570		U
88-06-2	2,4,6-Trichlorophenol	170	570		U
126-68-1	O,O,O-Triethylphosphorothioa	170	570		U
99-35-4	sym-Trinitrobenzene	170	570		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619D

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 00:36

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	680	5700		UD
208-96-8	Acenaphthylene	680	5700		UD
98-86-2	Acetophenone	1700	5700		UD
53-96-3	2-Acetylaminofluorene	1700	5700		UD
92-67-1	4-Aminobiphenyl	1700	5700		UD
62-53-3	Aniline	1700	5700		UD
140-57-8	Aramite	1700	5700		UD
120-12-7	Anthracene	680	5700		UD
65-85-0	Benzoic acid	1700	23000		UD
56-55-3	Benzo(a)anthracene	680	5700	1900	ID
205-99-2	Benzo(b)fluoranthene	680	5700	4200	ID
207-08-9	Benzo(k)fluoranthene	680	5700	3600	ID
191-24-2	Benzo(g,h,i)perylene	680	5700	4200	ID
50-32-8	Benzo(a)pyrene	680	5700	3300	ID
100-51-6	Benzyl alcohol	1700	5700		UD
111-91-1	bis(2-Chloroethoxy)methane	1700	5700		UD
111-44-4	bis(2-Chloroethyl)ether	1700	5700		UD
108-60-1	bis(2-Chloroisopropyl)ether	1700	5700		UD
117-81-7	Bis(2-ethylhexyl)phthalate	1700	5700		UD
101-55-3	4-Bromophenyl-phenylether	1700	5700		UD
85-68-7	Butylbenzylphthalate	1700	5700		UD
106-47-8	4-Chloroaniline	1700	5700		UD
510-15-6	Chlorobenzilate	1700	5700		UD
59-50-7	4-Chloro-3-methylphenol	1700	5700		UD
91-58-7	2-Chloronaphthalene	1700	5700		UD
95-57-8	2-Chlorophenol	1700	5700		UD
7005-72-3	4-Chlorophenyl-phenylether	1700	5700		UD
218-01-9	Chrysene	680	5700	2600	ID
2303-16-4	Diallate	1700	5700		UD
53-70-3	Dibenz(a,h)anthracene	680	5700		UD
132-64-9	Dibenzofuran	1700	5700		UD
91-94-1	3,3'-Dichlorobenzidine	2600	5700		UD
106-46-7	1,4-Dichlorobenzene	1700	5700		UD

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619D

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 00:36

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1700	5700		UD
541-73-1	1,3-Dichlorobenzene	1700	5700		UD
120-83-2	2,4-Dichlorophenol	1700	5700		UD
87-65-0	2,6-Dichlorophenol	1700	5700		UD
84-66-2	Diethylphthalate	1700	5700		UD
60-51-5	Dimethoate	1700	5700		UD
60-11-7	p-(Dimethylamino)azobenzene	1700	5700		UD
57-97-6	7,12-Dimethylbenz[a]anthrace	1700	5700		UD
119-93-7	3,3'-Dimethylbenzidine	1700	5700		UD
122-09-8	a,a-Dimethyl-phenethylamine	1700	5700		UD
105-67-9	2,4-Dimethylphenol	1700	23000		UD
131-11-3	Dimethylphthalate	1700	5700		UD
84-74-2	Di-n-butylphthalate	1700	5700		UD
99-65-0	m-Dinitrobenzene	1700	5700		UD
534-52-1	4,6-Dinitro-2-methylphenol	1700	23000		UD J2
51-28-5	2,4-Dinitrophenol	1700	57000		UD J2
121-14-2	2,4-Dinitrotoluene	1700	5700		UD
606-20-2	2,6-Dinitrotoluene	1700	5700		UD
88-85-7	Dinoseb	1700	5700		UD J2
117-84-0	Di-n-octylphthalate	1700	5700		UD
122-39-4	Diphenylamine	1700	5700		UD
298-04-4	Disulfoton	1700	5700		UD
62-50-0	Ethyl methanesulfonate	1700	5700		UD
52-85-7	Famphur	1700	5700		UD
206-44-0	Fluoranthene	680	5700	1800	ID
86-73-7	Fluorene	680	5700		UD
118-74-1	Hexachlorobenzene	1700	5700		UD
87-68-3	Hexachlorobutadiene	1700	5700		UD
77-47-4	Hexachlorocyclopentadiene	1700	5700		UD J2
67-72-1	Hexachloroethane	1700	5700		UD
70-30-4	Hexachlorophene	1700	11000		UD J2
1888-71-7	Hexachloropropene	1700	5700		UD J2
193-39-5	Indeno(1,2,3-cd)pyrene	680	5700	4600	ID

MH 2/7/07

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619D

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 00:36

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	1700	5700		UD
78-59-1	Isophorone	1700	5700		UD
120-58-1	Isosafrole	1700	5700		UD
143-50-0	Kepone	1700	5700		UD
91-80-5	Methapyrilene	1700	5700		UD
56-49-5	3-Methylcholanthrene	1700	5700		UD
66-27-3	Methyl methanesulfonate	1700	5700		UD
91-57-6	2-Methylnaphthalene	680	5700		UD
298-00-0	Methyl parathion	1700	5700		UD
106-44-5	4-Methylphenol	1700	5700		UD
91-20-3	Naphthalene	680	5700		UD
95-48-7	2-Methylphenol	1700	5700		UD
108-39-4	3-Methylphenol	1700	5700		UD
130-15-4	1,4-Naphthoquinone	1700	5700		UD
134-32-7	1-Naphthylamine	1700	5700		UD
91-59-8	2-Naphthylamine	1700	5700		UD
88-74-4	2-Nitroaniline	1700	23000		UD
99-09-2	3-Nitroaniline	1700	23000		UD
100-01-6	4-Nitroaniline	1700	23000		UD
98-95-3	Nitrobenzene	1700	5700		UD
88-75-5	2-Nitrophenol	1700	5700		UD
100-02-7	4-Nitrophenol	1700	23000		UD
56-57-5	4-Nitroquinoline-1-oxide	1700	5700		UD J2
924-16-3	N-Nitrosodi-n-butylamine	1700	5700		UD
55-18-5	N-Nitrosodiethylamine	1700	5700		UD
62-75-9	N-Nitroso-di-methylamine	1700	5700		UD
86-30-6	N-Nitrosodiphenylamine (1)	1700	5700		UD
621-64-7	N-Nitroso-di-n-propylamine	1700	5700		UD
10595-95-6	N-Nitrosomethylethylamine	1700	5700		UD
59-89-2	N-Nitrosomorpholine	1700	5700		UD
100-75-4	N-Nitrosopiperidine	1700	5700		UD
930-55-2	N-Nitrosopyrrolidine	1700	5700		UD
99-55-8	5-Nitro-o-toluidine	1700	5700		UD

(1) - Cannot be separated from Diphenylamine

ML 11/30/06

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105619D

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 00:36

Injection Volume: 0.5(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	1700	5700		UD
608-93-5	Pentachlorobenzene	1700	5700		UD
76-01-7	Pentachloroethane	1700	5700		UD
82-68-8	Pentachloronitrobenzene	1700	5700		UD
87-86-5	Pentachlorophenol	1700	23000		UD
62-44-2	Phenacetin	1700	5700		UD
85-01-8	Phenanthrene	680	5700		UD
108-95-2	Phenol	1700	5700		UD
106-50-3	p-Phenylenediamine	1700	5700		UD
298-02-2	Phorate	1700	5700		UD
109-06-8	2-Picoline	1700	5700		UD
23950-58-5	Pronamide	1700	5700		UD
129-00-0	Pyrene	680	5700	2200	ID
110-86-1	Pyridine	1700	23000		UD
94-59-7	Safrole	1700	5700		UD
3689-24-5	Sulfotepp	1700	5700		UD
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	5700		UD
58-90-2	2,3,4,6-Tetrachlorophenol	1700	5700		UD
297-97-2	Thionazin	1700	5700		UD
95-53-4	o-Toluidine	1700	5700		UD
120-82-1	1,2,4-Trichlorobenzene	1700	5700		UD
95-95-4	2,4,5-Trichlorophenol	1700	5700		UD
88-06-2	2,4,6-Trichlorophenol	1700	5700		UD
126-68-1	O,O,O-Triethylphosphorothioa	1700	5700		UD
99-35-4	sym-Trinitrobenzene	1700	5700		UD

12

12/7/06

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-20

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105620

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/05/06 09:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	47	390		U
208-96-8	Acenaphthylene	47	390		U
98-86-2	Acetophenone	120	390		U
53-96-3	2-Acetylaminofluorene	120	390		U
92-67-1	4-Aminobiphenyl	120	390		U
62-53-3	Aniline	120	390		U
140-57-8	Aramite	120	390		U
120-12-7	Anthracene	47	390		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	47	390	230	I
205-99-2	Benzo(b)fluoranthene	47	390	650	
207-08-9	Benzo(k)fluoranthene	47	390	390	I
191-24-2	Benzo(g,h,i)perylene	47	390	220	I
50-32-8	Benzo(a)pyrene	47	390	450	
100-51-6	Benzyl alcohol	120	390		U
111-91-1	bis(2-Chloroethoxy)methane	120	390		U
111-44-4	bis(2-Chloroethyl)ether	120	390		U
108-60-1	bis(2-Chloroisopropyl)ether	120	390		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	390	310	I
101-55-3	4-Bromophenyl-phenylether	120	390		U
85-68-7	Butylbenzylphthalate	120	390		U
106-47-8	4-Chloroaniline	120	390		U
510-15-6	Chlorobenzilate	120	390		U
59-50-7	4-Chloro-3-methylphenol	120	390		U
91-58-7	2-Chloronaphthalene	120	390		U
95-57-8	2-Chlorophenol	120	390		U
7005-72-3	4-Chlorophenyl-phenylether	120	390		U
218-01-9	Chrysene	47	390	470	
2303-16-4	Diallate	120	390		U
53-70-3	Dibenz(a,h)anthracene	47	390		U
132-64-9	Dibenzofuran	120	390		U
91-94-1	3,3'-Dichlorobenzidine	180	390		U
106-46-7	1,4-Dichlorobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-20

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105620

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/05/06 09:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	390		U
541-73-1	1,3-Dichlorobenzene	120	390		U
120-83-2	2,4-Dichlorophenol	120	390		U
87-65-0	2,6-Dichlorophenol	120	390		U
84-66-2	Diethylphthalate	120	390		U
60-51-5	Dimethoate	120	390		U
60-11-7	p-(Dimethylamino)azobenzene	120	390		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	390		U
119-93-7	3,3'-Dimethylbenzidine	120	390		U
122-09-8	a,a-Dimethyl-phenethylamine	120	390		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	390		U
84-74-2	Di-n-butylphthalate	120	390		U
99-65-0	m-Dinitrobenzene	120	390		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	3900		U
121-14-2	2,4-Dinitrotoluene	120	390		U
606-20-2	2,6-Dinitrotoluene	120	390		U
88-85-7	Dinoseb	120	390		U
117-84-0	Di-n-octylphthalate	120	390		U
122-39-4	Diphenylamine	120	390		U
298-04-4	Disulfoton	120	390		U
62-50-0	Ethyl methanesulfonate	120	390		U
52-85-7	Famphur	120	390		U
206-44-0	Fluoranthene	47	390	340	I
86-73-7	Fluorene	47	390		U
118-74-1	Hexachlorobenzene	120	390		U
87-68-3	Hexachlorobutadiene	120	390		U
77-47-4	Hexachlorocyclopentadiene	120	390		U
67-72-1	Hexachloroethane	120	390		U
70-30-4	Hexachlorophene	120	780		U
1888-71-7	Hexachloropropene	120	390		U
193-39-5	Indeno(1,2,3-cd)pyrene	47	390	350	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-20

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105620

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/05/06 09:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	120	390		U
78-59-1	Isophorone	120	390		U
120-58-1	Isosafrole	120	390		U
143-50-0	Kepone	120	390		U
91-80-5	Methapyrilene	120	390		U
56-49-5	3-Methylcholanthrene	120	390		U
66-27-3	Methyl methanesulfonate	120	390		U
91-57-6	2-Methylnaphthalene	47	390		U
298-00-0	Methyl parathion	120	390		U
106-44-5	4-Methylphenol	120	390		U
91-20-3	Naphthalene	47	390		U
95-48-7	2-Methylphenol	120	390		U
108-39-4	3-Methylphenol	120	390		U
130-15-4	1,4-Naphthoquinone	120	390		U
134-32-7	1-Naphthylamine	120	390		U
91-59-8	2-Naphthylamine	120	390		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	390		U
88-75-5	2-Nitrophenol	120	390		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	390		U
924-16-3	N-Nitrosodi-n-butylamine	120	390		U
55-18-5	N-Nitrosodiethylamine	120	390		U
62-75-9	N-Nitroso-di-methylamine	120	390		U
86-30-6	N-Nitrosodiphenylamine (1)	120	390		U
621-64-7	N-Nitroso-di-n-propylamine	120	390		U
10595-95-6	N-Nitrosomethylethylamine	120	390		U
59-89-2	N-Nitrosomorpholine	120	390		U
100-75-4	N-Nitrosopiperidine	120	390		U
930-55-2	N-Nitrosopyrrolidine	120	390		U
99-55-8	5-Nitro-o-toluidine	120	390		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-20

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105620

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/05/06 09:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	120	390		U
608-93-5	Pentachlorobenzene	120	390		U
76-01-7	Pentachloroethane	120	390		U
82-68-8	Pentachloronitrobenzene	120	390		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	390		U
85-01-8	Phenanthrene	47	390	59	I
108-95-2	Phenol	120	390		U
106-50-3	p-Phenylenediamine	120	390		U
298-02-2	Phorate	120	390		U
109-06-8	2-Picoline	120	390		U
23950-58-5	Pronamide	120	390		U
129-00-0	Pyrene	47	390	270	I
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	390		U
3689-24-5	Sulfotepp	120	390		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	390		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	390		U
297-97-2	Thionazin	120	390		U
95-53-4	o-Toluidine	120	390		U
120-82-1	1,2,4-Trichlorobenzene	120	390		U
95-95-4	2,4,5-Trichlorophenol	120	390		U
88-06-2	2,4,6-Trichlorophenol	120	390		U
126-68-1	O,O,O-Triethylphosphorothioa	120	390		U
99-35-4	sym-Trinitrobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-21

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105621

% Moisture: 17 decanted: (Y/N) N Date Sampled: 11/05/06 10:04

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	48	400		U
208-96-8	Acenaphthylene	48	400		U
98-86-2	Acetophenone	120	400		U
53-96-3	2-Acetylaminofluorene	120	400		U
92-67-1	4-Aminobiphenyl	120	400		U
62-53-3	Aniline	120	400		U
140-57-8	Aramite	120	400		U
120-12-7	Anthracene	48	400		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	48	400		U
205-99-2	Benzo(b)fluoranthene	48	400		U
207-08-9	Benzo(k)fluoranthene	48	400		U
191-24-2	Benzo(g,h,i)perylene	48	400		U
50-32-8	Benzo(a)pyrene	48	400		U
100-51-6	Benzyl alcohol	120	400		U
111-91-1	bis(2-Chloroethoxy)methane	120	400		U
111-44-4	bis(2-Chloroethyl)ether	120	400		U
108-60-1	bis(2-Chloroisopropyl)ether	120	400		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	400		U
101-55-3	4-Bromophenyl-phenylether	120	400		U
85-68-7	Butylbenzylphthalate	120	400		U
106-47-8	4-Chloroaniline	120	400		U
510-15-6	Chlorobenzilate	120	400		U
59-50-7	4-Chloro-3-methylphenol	120	400		U
91-58-7	2-Chloronaphthalene	120	400		U
95-57-8	2-Chlorophenol	120	400		U
7005-72-3	4-Chlorophenyl-phenylether	120	400		U
218-01-9	Chrysene	48	400		U
2303-16-4	Diallate	120	400		U
53-70-3	Dibenz(a,h)anthracene	48	400		U
132-64-9	Dibenzofuran	120	400		U
91-94-1	3,3'-Dichlorobenzidine	180	400		U
106-46-7	1,4-Dichlorobenzene	120	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-21

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105621

% Moisture: 17 decanted: (Y/N) N Date Sampled: 11/05/06 10:04

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	120	400		U
541-73-1	1,3-Dichlorobenzene	120	400		U
120-83-2	2,4-Dichlorophenol	120	400		U
87-65-0	2,6-Dichlorophenol	120	400		U
84-66-2	Diethylphthalate	120	400		U
60-51-5	Dimethoate	120	400		U
60-11-7	p-(Dimethylamino)azobenzene	120	400		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	400		U
119-93-7	3,3'-Dimethylbenzidine	120	400		U
122-09-8	a,a-Dimethyl-phenethylamine	120	400		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	400		U
84-74-2	Di-n-butylphthalate	120	400		U
99-65-0	m-Dinitrobenzene	120	400		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	4000		U
121-14-2	2,4-Dinitrotoluene	120	400		U
606-20-2	2,6-Dinitrotoluene	120	400		U
88-85-7	Dinoseb	120	400		U
117-84-0	Di-n-octylphthalate	120	400		U
122-39-4	Diphenylamine	120	400		U
298-04-4	Disulfoton	120	400		U
62-50-0	Ethyl methanesulfonate	120	400		U
52-85-7	Famphur	120	400		U
206-44-0	Fluoranthene	48	400		U
86-73-7	Fluorene	48	400		U
118-74-1	Hexachlorobenzene	120	400		U
87-68-3	Hexachlorobutadiene	120	400		U
77-47-4	Hexachlorocyclopentadiene	120	400		U
67-72-1	Hexachloroethane	120	400		U
70-30-4	Hexachlorophene	120	790		U
1888-71-7	Hexachloropropene	120	400		U
193-39-5	Indeno(1,2,3-cd)pyrene	48	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-21

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105621

% Moisture: 17 decanted: (Y/N) N Date Sampled: 11/05/06 10:04

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	120	400		U
78-59-1	Isophorone	120	400		U
120-58-1	Isosafrole	120	400		U
143-50-0	Kepone	120	400		U
91-80-5	Methapyrilene	120	400		U
56-49-5	3-Methylcholanthrene	120	400		U
66-27-3	Methyl methanesulfonate	120	400		U
91-57-6	2-Methylnaphthalene	48	400		U
298-00-0	Methyl parathion	120	400		U
106-44-5	4-Methylphenol	120	400		U
91-20-3	Naphthalene	48	400		U
95-48-7	2-Methylphenol	120	400		U
108-39-4	3-Methylphenol	120	400		U
130-15-4	1,4-Naphthoquinone	120	400		U
134-32-7	1-Naphthylamine	120	400		U
91-59-8	2-Naphthylamine	120	400		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	400		U
88-75-5	2-Nitrophenol	120	400		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	400		U
924-16-3	N-Nitrosodi-n-butylamine	120	400		U
55-18-5	N-Nitrosodiethylamine	120	400		U
62-75-9	N-Nitroso-di-methylamine	120	400		U
86-30-6	N-Nitrosodiphenylamine (1)	120	400		U
621-64-7	N-Nitroso-di-n-propylamine	120	400		U
10595-95-6	N-Nitrosomethylethylamine	120	400		U
59-89-2	N-Nitrosomorpholine	120	400		U
100-75-4	N-Nitrosopiperidine	120	400		U
930-55-2	N-Nitrosopyrrolidine	120	400		U
99-55-8	5-Nitro-o-toluidine	120	400		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-21

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105621

% Moisture: 17 decanted: (Y/N) N Date Sampled: 11/05/06 10:04

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 11:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	120	400		U
608-93-5	Pentachlorobenzene	120	400		U
76-01-7	Pentachloroethane	120	400		U
82-68-8	Pentachloronitrobenzene	120	400		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	400		U
85-01-8	Phenanthrene	48	400		U
108-95-2	Phenol	120	400		U
106-50-3	p-Phenylenediamine	120	400		U
298-02-2	Phorate	120	400		U
109-06-8	2-Picoline	120	400		U
23950-58-5	Pronamide	120	400		U
129-00-0	Pyrene	48	400		U
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	400		U
3689-24-5	Sulfotepp	120	400		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	400		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	400		U
297-97-2	Thionazin	120	400		U
95-53-4	o-Toluidine	120	400		U
120-82-1	1,2,4-Trichlorobenzene	120	400		U
95-95-4	2,4,5-Trichlorophenol	120	400		U
88-06-2	2,4,6-Trichlorophenol	120	400		U
126-68-1	O,O,O-Triethylphosphorothioa	120	400		U
99-35-4	sym-Trinitrobenzene				

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-22

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105622

% Moisture: 14 decanted: (Y/N) N Date Sampled: 11/05/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	45	380		U
208-96-8	Acenaphthylene	45	380		U
98-86-2	Acetophenone	110	380		U
53-96-3	2-Acetylaminofluorene	110	380		U
92-67-1	4-Aminobiphenyl	110	380		U
62-53-3	Aniline	110	380		U
140-57-8	Aramite	110	380		U
120-12-7	Anthracene	45	380		U
65-85-0	Benzoic acid	110	1500		U
56-55-3	Benzo(a)anthracene	45	380		U
205-99-2	Benzo(b)fluoranthene	45	380	57	I
207-08-9	Benzo(k)fluoranthene	45	380	58	I
191-24-2	Benzo(g,h,i)perylene	45	380		U
50-32-8	Benzo(a)pyrene	45	380		U
100-51-6	Benzyl alcohol	110	380		U
111-91-1	bis(2-Chloroethoxy)methane	110	380		U
111-44-4	bis(2-Chloroethyl)ether	110	380		U
108-60-1	bis(2-Chloroisopropyl)ether	110	380		U
117-81-7	Bis(2-ethylhexyl)phthalate	110	380		U
101-55-3	4-Bromophenyl-phenylether	110	380		U
85-68-7	Butylbenzylphthalate	110	380		U
106-47-8	4-Chloroaniline	110	380		U
510-15-6	Chlorobenzilate	110	380		U
59-50-7	4-Chloro-3-methylphenol	110	380		U
91-58-7	2-Chloronaphthalene	110	380		U
95-57-8	2-Chlorophenol	110	380		U
7005-72-3	4-Chlorophenyl-phenylether	110	380		U
218-01-9	Chrysene	45	380	49	I
2303-16-4	Diallate	110	380		U
53-70-3	Dibenz(a,h)anthracene	45	380		U
132-64-9	Dibenzofuran	110	380		U
91-94-1	3,3'-Dichlorobenzidine	170	380		U
106-46-7	1,4-Dichlorobenzene	110	380		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-22

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105622

% Moisture: 14 decanted: (Y/N) N Date Sampled: 11/05/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	110	380		U
541-73-1	1,3-Dichlorobenzene	110	380		U
120-83-2	2,4-Dichlorophenol	110	380		U
87-65-0	2,6-Dichlorophenol	110	380		U
84-66-2	Diethylphthalate	110	380		U
60-51-5	Dimethoate	110	380		U
60-11-7	p-(Dimethylamino)azobenzene	110	380		U
57-97-6	7,12-Dimethylbenz[a]anthrace	110	380		U
119-93-7	3,3'-Dimethylbenzidine	110	380		U
122-09-8	a,a-Dimethyl-phenethylamine	110	380		U
105-67-9	2,4-Dimethylphenol	110	1500		U
131-11-3	Dimethylphthalate	110	380		U
84-74-2	Di-n-butylphthalate	110	380		U
99-65-0	m-Dinitrobenzene	110	380		U
534-52-1	4,6-Dinitro-2-methylphenol	110	1500		U
51-28-5	2,4-Dinitrophenol	110	3800		U
121-14-2	2,4-Dinitrotoluene	110	380		U
606-20-2	2,6-Dinitrotoluene	110	380		U
88-85-7	Dinoseb	110	380		U
117-84-0	Di-n-octylphthalate	110	380		U
122-39-4	Diphenylamine	110	380		U
298-04-4	Disulfoton	110	380		U
62-50-0	Ethyl methanesulfonate	110	380		U
52-85-7	Famphur	110	380		U
206-44-0	Fluoranthene	45	380	56	I
86-73-7	Fluorene	45	380		U
118-74-1	Hexachlorobenzene	110	380		U
87-68-3	Hexachlorobutadiene	110	380		U
77-47-4	Hexachlorocyclopentadiene	110	380		U
67-72-1	Hexachloroethane	110	380		U
70-30-4	Hexachlorophene	110	750		U
1888-71-7	Hexachloropropene	110	380		U
193-39-5	Indeno(1,2,3-cd)pyrene	45	380		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-22

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105622

% Moisture: 14 decanted: (Y/N) N Date Sampled: 11/05/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	110	380		U
78-59-1	Isophorone	110	380		U
120-58-1	Isosafrole	110	380		U
143-50-0	Kepone	110	380		U
91-80-5	Methapyrilene	110	380		U
56-49-5	3-Methylcholanthrene	110	380		U
66-27-3	Methyl methanesulfonate	110	380		U
91-57-6	2-Methylnaphthalene	45	380		U
298-00-0	Methyl parathion	110	380		U
106-44-5	4-Methylphenol	110	380		U
91-20-3	Naphthalene	45	380		U
95-48-7	2-Methylphenol	110	380		U
108-39-4	3-Methylphenol	110	380		U
130-15-4	1,4-Naphthoquinone	110	380		U
134-32-7	1-Naphthylamine	110	380		U
91-59-8	2-Naphthylamine	110	380		U
88-74-4	2-Nitroaniline	110	1500		U
99-09-2	3-Nitroaniline	110	1500		U
100-01-6	4-Nitroaniline	110	1500		U
98-95-3	Nitrobenzene	110	380		U
88-75-5	2-Nitrophenol	110	380		U
100-02-7	4-Nitrophenol	110	1500		U
56-57-5	4-Nitroquinoline-1-oxide	110	380		U
924-16-3	N-Nitrosodi-n-butylamine	110	380		U
55-18-5	N-Nitrosodiethylamine	110	380		U
62-75-9	N-Nitroso-di-methylamine	110	380		U
86-30-6	N-Nitrosodiphenylamine (1)	110	380		U
621-64-7	N-Nitroso-di-n-propylamine	110	380		U
10595-95-6	N-Nitrosomethylethylamine	110	380		U
59-89-2	N-Nitrosomorpholine	110	380		U
100-75-4	N-Nitrosopiperidine	110	380		U
930-55-2	N-Nitrosopyrrolidine	110	380		U
99-55-8	5-Nitro-o-toluidine	110	380		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-22

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105622

% Moisture: 14 decanted: (Y/N) N Date Sampled: 11/05/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	110	380		U
608-93-5	Pentachlorobenzene	110	380		U
76-01-7	Pentachloroethane	110	380		U
82-68-8	Pentachloronitrobenzene	110	380		U
87-86-5	Pentachlorophenol	110	1500		U
62-44-2	Phenacetin	110	380		U
85-01-8	Phenanthrene	45	380		U
108-95-2	Phenol	110	380		U
106-50-3	p-Phenylenediamine	110	380		U
298-02-2	Phorate	110	380		U
109-06-8	2-Picoline	110	380		U
23950-58-5	Pronamide	110	380		U
129-00-0	Pyrene	45	380		U
110-86-1	Pyridine	110	1500		U
94-59-7	Safrole	110	380		U
3689-24-5	Sulfotepp	110	380		U
95-94-3	1,2,4,5-Tetrachlorobenzene	110	380		U
58-90-2	2,3,4,6-Tetrachlorophenol	110	380		U
297-97-2	Thionazin	110	380		U
95-53-4	o-Toluidine	110	380		U
120-82-1	1,2,4-Trichlorobenzene	110	380		U
95-95-4	2,4,5-Trichlorophenol	110	380		U
88-06-2	2,4,6-Trichlorophenol	110	380		U
126-68-1	O,O,O-Triethylphosphorothioa	110	380		U
99-35-4	sym-Trinitrobenzene	110	380		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105623

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	54	450		U
208-96-8	Acenaphthylene	54	450		U
98-86-2	Acetophenone	130	450		U
53-96-3	2-Acetylaminofluorene	130	450		U
92-67-1	4-Aminobiphenyl	130	450		U
62-53-3	Aniline	130	450		U
140-57-8	Aramite	130	450		U
120-12-7	Anthracene	54	450		U
65-85-0	Benzoic acid	130	1800		U
56-55-3	Benzo(a)anthracene	54	450		U
205-99-2	Benzo(b)fluoranthene	54	450		U
207-08-9	Benzo(k)fluoranthene	54	450		U
191-24-2	Benzo(g,h,i)perylene	54	450		U
50-32-8	Benzo(a)pyrene	54	450		U
100-51-6	Benzyl alcohol	130	450		U
111-91-1	bis(2-Chloroethoxy)methane	130	450		U
111-44-4	bis(2-Chloroethyl)ether	130	450		U
108-60-1	bis(2-Chloroisopropyl)ether	130	450		U
117-81-7	Bis(2-ethylhexyl)phthalate	130	450		U
101-55-3	4-Bromophenyl-phenylether	130	450		U
85-68-7	Butylbenzylphthalate	130	450		U
106-47-8	4-Chloroaniline	130	450		U
510-15-6	Chlorobenzilate	130	450		U
59-50-7	4-Chloro-3-methylphenol	130	450		U
91-58-7	2-Chloronaphthalene	130	450		U
95-57-8	2-Chlorophenol	130	450		U
7005-72-3	4-Chlorophenyl-phenylether	130	450		U
218-01-9	Chrysene	54	450		U
2303-16-4	Diallate	130	450		U
53-70-3	Dibenz(a,h)anthracene	54	450		U
132-64-9	Dibenzofuran	130	450		U
91-94-1	3,3'-Dichlorobenzidine	200	450		U
106-46-7	1,4-Dichlorobenzene	130	450		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105623

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	130	450		U
541-73-1	1,3-Dichlorobenzene	130	450		U
120-83-2	2,4-Dichlorophenol	130	450		U
87-65-0	2,6-Dichlorophenol	130	450		U
84-66-2	Diethylphthalate	130	450		U
60-51-5	Dimethoate	130	450		U
60-11-7	p-(Dimethylamino)azobenzene	130	450		U
57-97-6	7,12-Dimethylbenz[a]anthrace	130	450		U
119-93-7	3,3'-Dimethylbenzidine	130	450		U
122-09-8	a,a-Dimethyl-phenethylamine	130	450		U
105-67-9	2,4-Dimethylphenol	130	1800		U
131-11-3	Dimethylphthalate	130	450		U
84-74-2	Di-n-butylphthalate	130	450		U
99-65-0	m-Dinitrobenzene	130	450		U
534-52-1	4,6-Dinitro-2-methylphenol	130	1800		U
51-28-5	2,4-Dinitrophenol	130	4500		U
121-14-2	2,4-Dinitrotoluene	130	450		U
606-20-2	2,6-Dinitrotoluene	130	450		U
88-85-7	Dinoseb	130	450		U
117-84-0	Di-n-octylphthalate	130	450		U
122-39-4	Diphenylamine	130	450		U
298-04-4	Disulfoton	130	450		U
62-50-0	Ethyl methanesulfonate	130	450		U
52-85-7	Famphur	130	450		U
206-44-0	Fluoranthene	54	450		U
86-73-7	Fluorene	54	450		U
118-74-1	Hexachlorobenzene	130	450		U
87-68-3	Hexachlorobutadiene	130	450		U
77-47-4	Hexachlorocyclopentadiene	130	450		U
67-72-1	Hexachloroethane	130	450		U
70-30-4	Hexachlorophene	130	900		U
1888-71-7	Hexachloropropene	130	450		U
193-39-5	Indeno(1,2,3-cd)pyrene	54	450		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105623

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	130	450		U
78-59-1	Isophorone	130	450		U
120-58-1	Isosafrole	130	450		U
143-50-0	Kepone	130	450		U
91-80-5	Methapyrilene	130	450		U
56-49-5	3-Methylcholanthrene	130	450		U
66-27-3	Methyl methanesulfonate	130	450		U
91-57-6	2-Methylnaphthalene	54	450		U
298-00-0	Methyl parathion	130	450		U
106-44-5	4-Methylphenol	130	450		U
91-20-3	Naphthalene	54	450		U
95-48-7	2-Methylphenol	130	450		U
108-39-4	3-Methylphenol	130	450		U
130-15-4	1,4-Naphthoquinone	130	450		U
134-32-7	1-Naphthylamine	130	450		U
91-59-8	2-Naphthylamine	130	450		U
88-74-4	2-Nitroaniline	130	1800		U
99-09-2	3-Nitroaniline	130	1800		U
100-01-6	4-Nitroaniline	130	1800		U
98-95-3	Nitrobenzene	130	450		U
88-75-5	2-Nitrophenol	130	450		U
100-02-7	4-Nitrophenol	130	1800		U
56-57-5	4-Nitroquinoline-1-oxide	130	450		U
924-16-3	N-Nitrosodi-n-butylamine	130	450		U
55-18-5	N-Nitrosodiethylamine	130	450		U
62-75-9	N-Nitroso-di-methylamine	130	450		U
86-30-6	N-Nitrosodiphenylamine (1)	130	450		U
621-64-7	N-Nitroso-di-n-propylamine	130	450		U
10595-95-6	N-Nitrosomethylethylamine	130	450		U
59-89-2	N-Nitrosomorpholine	130	450		U
100-75-4	N-Nitrosopiperidine	130	450		U
930-55-2	N-Nitrosopyrrolidine	130	450		U
99-55-8	5-Nitro-o-toluidine	130	450		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105623

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 12:48

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	130	450		U
608-93-5	Pentachlorobenzene	130	450		U
76-01-7	Pentachloroethane	130	450		U
82-68-8	Pentachloronitrobenzene	130	450		U
87-86-5	Pentachlorophenol	130	1800		U
62-44-2	Phenacetin	130	450		U
85-01-8	Phenanthrene	54	450		U
108-95-2	Phenol	130	450		U
106-50-3	p-Phenylenediamine	130	450		U
298-02-2	Phorate	130	450		U
109-06-8	2-Picoline	130	450		U
23950-58-5	Pronamide	130	450		U
129-00-0	Pyrene	54	450		U
110-86-1	Pyridine	130	1800		U
94-59-7	Safrole	130	450		U
3689-24-5	Sulfotepp	130	450		U
95-94-3	1,2,4,5-Tetrachlorobenzene	130	450		U
58-90-2	2,3,4,6-Tetrachlorophenol	130	450		U
297-97-2	Thionazin	130	450		U
95-53-4	o-Toluidine	130	450		U
120-82-1	1,2,4-Trichlorobenzene	130	450		U
95-95-4	2,4,5-Trichlorophenol	130	450		U
88-06-2	2,4,6-Trichlorophenol	130	450		U
126-68-1	O,O,O-Triethylphosphorothioa	130	450		U
99-35-4	sym-Trinitrobenzene				

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-24

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105624

% Moisture: 36 decanted: (Y/N) N Date Sampled: 11/05/06 10:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	61	510		U
208-96-8	Acenaphthylene	61	510		U
98-86-2	Acetophenone	150	510		U
53-96-3	2-Acetylaminofluorene	150	510		U
92-67-1	4-Aminobiphenyl	150	510		U
62-53-3	Aniline	150	510		U
140-57-8	Aramite	150	510		U
120-12-7	Anthracene	61	510		U
65-85-0	Benzoic acid	150	2000		U
56-55-3	Benzo(a)anthracene	61	510		U
205-99-2	Benzo(b)fluoranthene	61	510		U
207-08-9	Benzo(k)fluoranthene	61	510		U
191-24-2	Benzo(g,h,i)perylene	61	510		U
50-32-8	Benzo(a)pyrene	61	510		U
100-51-6	Benzyl alcohol	150	510		U
111-91-1	bis(2-Chloroethoxy)methane	150	510		U
111-44-4	bis(2-Chloroethyl)ether	150	510		U
108-60-1	bis(2-Chloroisopropyl)ether	150	510		U
117-81-7	Bis(2-ethylhexyl)phthalate	150	510		U
101-55-3	4-Bromophenyl-phenylether	150	510		U
85-68-7	Butylbenzylphthalate	150	510		U
106-47-8	4-Chloroaniline	150	510		U
510-15-6	Chlorobenzilate	150	510		U
59-50-7	4-Chloro-3-methylphenol	150	510		U
91-58-7	2-Chloronaphthalene	150	510		U
95-57-8	2-Chlorophenol	150	510		U
7005-72-3	4-Chlorophenyl-phenylether	150	510		U
218-01-9	Chrysene	61	510		U
2303-16-4	Diallate	150	510		U
53-70-3	Dibenz(a,h)anthracene	61	510		U
132-64-9	Dibenzofuran	150	510		U
91-94-1	3,3'-Dichlorobenzidine	230	510		U
106-46-7	1,4-Dichlorobenzene	150	510		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-24

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105624

% Moisture: 36 decanted: (Y/N) N Date Sampled: 11/05/06 10:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	150	510		U
541-73-1	1,3-Dichlorobenzene	150	510		U
120-83-2	2,4-Dichlorophenol	150	510		U
87-65-0	2,6-Dichlorophenol	150	510		U
84-66-2	Diethylphthalate	150	510		U
60-51-5	Dimethoate	150	510		U
60-11-7	p-(Dimethylamino)azobenzene	150	510		U
57-97-6	7,12-Dimethylbenz[a]anthrace	150	510		U
119-93-7	3,3'-Dimethylbenzidine	150	510		U
122-09-8	a,a-Dimethyl-phenethylamine	150	510		U
105-67-9	2,4-Dimethylphenol	150	2000		U
131-11-3	Dimethylphthalate	150	510		U
84-74-2	Di-n-butylphthalate	150	510		U
99-65-0	m-Dinitrobenzene	150	510		U
534-52-1	4,6-Dinitro-2-methylphenol	150	2000		U
51-28-5	2,4-Dinitrophenol	150	5100		U
121-14-2	2,4-Dinitrotoluene	150	510		U
606-20-2	2,6-Dinitrotoluene	150	510		U
88-85-7	Dinoseb	150	510		U
117-84-0	Di-n-octylphthalate	150	510		U
122-39-4	Diphenylamine	150	510		U
298-04-4	Disulfoton	150	510		U
62-50-0	Ethyl methanesulfonate	150	510		U
52-85-7	Famphur	150	510		U
206-44-0	Fluoranthene	61	510		U
86-73-7	Fluorene	61	510		U
118-74-1	Hexachlorobenzene	150	510		U
87-68-3	Hexachlorobutadiene	150	510		U
77-47-4	Hexachlorocyclopentadiene	150	510		U
67-72-1	Hexachloroethane	150	510		U
70-30-4	Hexachlorophene	150	1000		U
1888-71-7	Hexachloropropene	150	510		U
193-39-5	Indeno(1,2,3-cd)pyrene	61	510		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-24

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105624

% Moisture: 36 decanted: (Y/N) N Date Sampled: 11/05/06 10:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	150	510		U
78-59-1	Isophorone	150	510		U
120-58-1	Isosafrole	150	510		U
143-50-0	Kepone	150	510		U
91-80-5	Methapyrilene	150	510		U
56-49-5	3-Methylcholanthrene	150	510		U
66-27-3	Methyl methanesulfonate	150	510		U
91-57-6	2-Methylnaphthalene	61	510		U
298-00-0	Methyl parathion	150	510		U
106-44-5	4-Methylphenol	150	510		U
91-20-3	Naphthalene	61	510		U
95-48-7	2-Methylphenol	150	510		U
108-39-4	3-Methylphenol	150	510		U
130-15-4	1,4-Naphthoquinone	150	510		U
134-32-7	1-Naphthylamine	150	510		U
91-59-8	2-Naphthylamine	150	510		U
88-74-4	2-Nitroaniline	150	2000		U
99-09-2	3-Nitroaniline	150	2000		U
100-01-6	4-Nitroaniline	150	2000		U
98-95-3	Nitrobenzene	150	510		U
88-75-5	2-Nitrophenol	150	510		U
100-02-7	4-Nitrophenol	150	2000		U
56-57-5	4-Nitroquinoline-1-oxide	150	510		U
924-16-3	N-Nitrosodi-n-butylamine	150	510		U
55-18-5	N-Nitrosodiethylamine	150	510		U
62-75-9	N-Nitroso-di-methylamine	150	510		U
86-30-6	N-Nitrosodiphenylamine (1)	150	510		U
621-64-7	N-Nitroso-di-n-propylamine	150	510		U
10595-95-6	N-Nitrosomethylethylamine	150	510		U
59-89-2	N-Nitrosomorpholine	150	510		U
100-75-4	N-Nitrosopiperidine	150	510		U
930-55-2	N-Nitrosopyrrolidine	150	510		U
99-55-8	5-Nitro-o-toluidine	150	510		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-24

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105624

% Moisture: 36 decanted: (Y/N) N Date Sampled: 11/05/06 10:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	150	510		U
608-93-5	Pentachlorobenzene	150	510		U
76-01-7	Pentachloroethane	150	510		U
82-68-8	Pentachloronitrobenzene	150	510		U
87-86-5	Pentachlorophenol	150	2000		U
62-44-2	Phenacetin	150	510		U
85-01-8	Phenanthrene	61	510		U
108-95-2	Phenol	150	510		U
106-50-3	p-Phenylenediamine	150	510		U
298-02-2	Phorate	150	510		U
109-06-8	2-Picoline	150	510		U
23950-58-5	Pronamide	150	510		U
129-00-0	Pyrene	61	510		U
110-86-1	Pyridine	150	2000		U
94-59-7	Safrole	150	510		U
3689-24-5	Sulfotepp	150	510		U
95-94-3	1,2,4,5-Tetrachlorobenzene	150	510		U
58-90-2	2,3,4,6-Tetrachlorophenol	150	510		U
297-97-2	Thionazin	150	510		U
95-53-4	o-Toluidine	150	510		U
120-82-1	1,2,4-Trichlorobenzene	150	510		U
95-95-4	2,4,5-Trichlorophenol	150	510		U
88-06-2	2,4,6-Trichlorophenol	150	510		U
126-68-1	O,O,O-Triethylphosphorothioa	150	510		U
99-35-4	sym-Trinitrobenzene	150	510		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-25

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105625

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 11:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:57

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	44	360		U
208-96-8	Acenaphthylene	44	360		U
98-86-2	Acetophenone	110	360		U
53-96-3	2-Acetylaminofluorene	110	360		U
92-67-1	4-Aminobiphenyl	110	360		U
62-53-3	Aniline	110	360		U
140-57-8	Aramite	110	360		U
120-12-7	Anthracene	44	360		U
65-85-0	Benzoic acid	110	1400		U
56-55-3	Benzo(a)anthracene	44	360		U
205-99-2	Benzo(b)fluoranthene	44	360		U
207-08-9	Benzo(k)fluoranthene	44	360		U
191-24-2	Benzo(g,h,i)perylene	44	360		U
50-32-8	Benzo(a)pyrene	44	360		U
100-51-6	Benzyl alcohol	110	360		U
111-91-1	bis(2-Chloroethoxy)methane	110	360		U
111-44-4	bis(2-Chloroethyl)ether	110	360		U
108-60-1	bis(2-Chloroisopropyl)ether	110	360		U
117-81-7	Bis(2-ethylhexyl)phthalate	110	360	170	I
101-55-3	4-Bromophenyl-phenylether	110	360		U
85-68-7	Butylbenzylphthalate	110	360		U
106-47-8	4-Chloroaniline	110	360		U
510-15-6	Chlorobenzilate	110	360		U
59-50-7	4-Chloro-3-methylphenol	110	360		U
91-58-7	2-Chloronaphthalene	110	360		U
95-57-8	2-Chlorophenol	110	360		U
7005-72-3	4-Chlorophenyl-phenylether	110	360		U
218-01-9	Chrysene	44	360		U
2303-16-4	Diallate	110	360		U
53-70-3	Dibenz(a,h)anthracene	44	360		U
132-64-9	Dibenzofuran	110	360		U
91-94-1	3,3'-Dichlorobenzidine	160	360		U
106-46-7	1,4-Dichlorobenzene	110	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-25

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105625

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 11:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:57

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	110	360		U
541-73-1	1,3-Dichlorobenzene	110	360		U
120-83-2	2,4-Dichlorophenol	110	360		U
87-65-0	2,6-Dichlorophenol	110	360		U
84-66-2	Diethylphthalate	110	360		U
60-51-5	Dimethoate	110	360		U
60-11-7	p-(Dimethylamino)azobenzene	110	360		U
57-97-6	7,12-Dimethylbenz[a]anthrace	110	360		U
119-93-7	3,3'-Dimethylbenzidine	110	360		U
122-09-8	a,a-Dimethyl-phenethylamine	110	360		U
105-67-9	2,4-Dimethylphenol	110	1400		U
131-11-3	Dimethylphthalate	110	360		U
84-74-2	Di-n-butylphthalate	110	360		U
99-65-0	m-Dinitrobenzene	110	360		U
534-52-1	4,6-Dinitro-2-methylphenol	110	1400		U
51-28-5	2,4-Dinitrophenol	110	3600		U
121-14-2	2,4-Dinitrotoluene	110	360		U
606-20-2	2,6-Dinitrotoluene	110	360		U
88-85-7	Dinoseb	110	360		U
117-84-0	Di-n-octylphthalate	110	360		U
122-39-4	Diphenylamine	110	360		U
298-04-4	Disulfoton	110	360		U
62-50-0	Ethyl methanesulfonate	110	360		U
52-85-7	Famphur	110	360		U
206-44-0	Fluoranthene	44	360		U
86-73-7	Fluorene	44	360		U
118-74-1	Hexachlorobenzene	110	360		U
87-68-3	Hexachlorobutadiene	110	360		U
77-47-4	Hexachlorocyclopentadiene	110	360		U
67-72-1	Hexachloroethane	110	360		U
70-30-4	Hexachlorophene	110	720		U
1888-71-7	Hexachloropropene	110	360		U
193-39-5	Indeno(1,2,3-cd)pyrene	44	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-25

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105625

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 11:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:57

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	110	360		U
78-59-1	Isophorone	110	360		U
120-58-1	Isosafrole	110	360		U
143-50-0	Kepone	110	360		U
91-80-5	Methapyrilene	110	360		U
56-49-5	3-Methylcholanthrene	110	360		U
66-27-3	Methyl methanesulfonate	110	360		U
91-57-6	2-Methylnaphthalene	44	360		U
298-00-0	Methyl parathion	110	360		U
106-44-5	4-Methylphenol	110	360		U
91-20-3	Naphthalene	44	360		U
95-48-7	2-Methylphenol	110	360		U
108-39-4	3-Methylphenol	110	360		U
130-15-4	1,4-Naphthoquinone	110	360		U
134-32-7	1-Naphthylamine	110	360		U
91-59-8	2-Naphthylamine	110	360		U
88-74-4	2-Nitroaniline	110	1400		U
99-09-2	3-Nitroaniline	110	1400		U
100-01-6	4-Nitroaniline	110	1400		U
98-95-3	Nitrobenzene	110	360		U
88-75-5	2-Nitrophenol	110	360		U
100-02-7	4-Nitrophenol	110	1400		U
56-57-5	4-Nitroquinoline-1-oxide	110	360		U
924-16-3	N-Nitrosodi-n-butylamine	110	360		U
55-18-5	N-Nitrosodiethylamine	110	360		U
62-75-9	N-Nitroso-di-methylamine	110	360		U
86-30-6	N-Nitrosodiphenylamine (1)	110	360		U
621-64-7	N-Nitroso-di-n-propylamine	110	360		U
10595-95-6	N-Nitrosomethylethylamine	110	360		U
59-89-2	N-Nitrosomorpholine	110	360		U
100-75-4	N-Nitrosopiperidine	110	360		U
930-55-2	N-Nitrosopyrrolidine	110	360		U
99-55-8	5-Nitro-o-toluidine	110	360		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-25

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105625

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 11:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 13:57

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	110	360		U
608-93-5	Pentachlorobenzene	110	360		U
76-01-7	Pentachloroethane	110	360		U
82-68-8	Pentachloronitrobenzene	110	360		U
87-86-5	Pentachlorophenol	110	1400		U
62-44-2	Phenacetin	110	360		U
85-01-8	Phenanthrene	44	360		U
108-95-2	Phenol	110	360		U
106-50-3	p-Phenylenediamine	110	360		U
298-02-2	Phorate	110	360		U
109-06-8	2-Picoline	110	360		U
23950-58-5	Pronamide	110	360		U
129-00-0	Pyrene	44	360		U
110-86-1	Pyridine	110	1400		U
94-59-7	Safrole	110	360		U
3689-24-5	Sulfotepp	110	360		U
95-94-3	1,2,4,5-Tetrachlorobenzene	110	360		U
58-90-2	2,3,4,6-Tetrachlorophenol	110	360		U
297-97-2	Thionazin	110	360		U
95-53-4	o-Toluidine	110	360		U
120-82-1	1,2,4-Trichlorobenzene	110	360		U
95-95-4	2,4,5-Trichlorophenol	110	360		U
88-06-2	2,4,6-Trichlorophenol	110	360		U
126-68-1	O,O,O-Triethylphosphorothioa	110	360		U
99-35-4	sym-Trinitrobenzene	110	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-26

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105626

% Moisture: 26 decanted: (Y/N) N Date Sampled: 11/05/06 11:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 15:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	53	440		U
208-96-8	Acenaphthylene	53	440		U
98-86-2	Acetophenone	130	440		U
53-96-3	2-Acetylaminofluorene	130	440		U
92-67-1	4-Aminobiphenyl	130	440		U
62-53-3	Aniline	130	440		U
140-57-8	Aramite	130	440		U
120-12-7	Anthracene	53	440		U
65-85-0	Benzoic acid	130	1800		U
56-55-3	Benzo(a)anthracene	53	440		U
205-99-2	Benzo(b)fluoranthene	53	440		U
207-08-9	Benzo(k)fluoranthene	53	440		U
191-24-2	Benzo(g,h,i)perylene	53	440		U
50-32-8	Benzo(a)pyrene	53	440		U
100-51-6	Benzyl alcohol	130	440		U
111-91-1	bis(2-Chloroethoxy)methane	130	440		U
111-44-4	bis(2-Chloroethyl)ether	130	440		U
108-60-1	bis(2-Chloroisopropyl)ether	130	440		U
117-81-7	Bis(2-ethylhexyl)phthalate	130	440		U
101-55-3	4-Bromophenyl-phenylether	130	440		U
85-68-7	Butylbenzylphthalate	130	440		U
106-47-8	4-Chloroaniline	130	440		U
510-15-6	Chlorobenzilate	130	440		U
59-50-7	4-Chloro-3-methylphenol	130	440		U
91-58-7	2-Chloronaphthalene	130	440		U
95-57-8	2-Chlorophenol	130	440		U
7005-72-3	4-Chlorophenyl-phenylether	130	440		U
218-01-9	Chrysene	53	440		U
2303-16-4	Diallate	130	440		U
53-70-3	Dibenz(a,h)anthracene	53	440		U
132-64-9	Dibenzofuran	130	440		U
91-94-1	3,3'-Dichlorobenzidine	200	440		U
106-46-7	1,4-Dichlorobenzene	130	440		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-26

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105626

% Moisture: 26 decanted: (Y/N) N Date Sampled: 11/05/06 11:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 15:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	130	440		U
541-73-1	1,3-Dichlorobenzene	130	440		U
120-83-2	2,4-Dichlorophenol	130	440		U
87-65-0	2,6-Dichlorophenol	130	440		U
84-66-2	Diethylphthalate	130	440		U
60-51-5	Dimethoate	130	440		U
60-11-7	p-(Dimethylamino)azobenzene	130	440		U
57-97-6	7,12-Dimethylbenz[a]anthrace	130	440		U
119-93-7	3,3'-Dimethylbenzidine	130	440		U
122-09-8	a,a-Dimethyl-phenethylamine	130	440		U
105-67-9	2,4-Dimethylphenol	130	1800		U
131-11-3	Dimethylphthalate	130	440		U
84-74-2	Di-n-butylphthalate	130	440		U
99-65-0	m-Dinitrobenzene	130	440		U
534-52-1	4,6-Dinitro-2-methylphenol	130	1800		U
51-28-5	2,4-Dinitrophenol	130	4400		U
121-14-2	2,4-Dinitrotoluene	130	440		U
606-20-2	2,6-Dinitrotoluene	130	440		U
88-85-7	Dinoseb	130	440		U
117-84-0	Di-n-octylphthalate	130	440		U
122-39-4	Diphenylamine	130	440		U
298-04-4	Disulfoton	130	440		U
62-50-0	Ethyl methanesulfonate	130	440		U
52-85-7	Famphur	130	440		U
206-44-0	Fluoranthene	53	440		U
86-73-7	Fluorene	53	440		U
118-74-1	Hexachlorobenzene	130	440		U
87-68-3	Hexachlorobutadiene	130	440		U
77-47-4	Hexachlorocyclopentadiene	130	440		U
67-72-1	Hexachloroethane	130	440		U
70-30-4	Hexachlorophene	130	880		U
1888-71-7	Hexachloropropene	130	440		U
193-39-5	Indeno(1,2,3-cd)pyrene	53	440		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-26

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105626

% Moisture: 26 decanted: (Y/N) N Date Sampled: 11/05/06 11:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 15:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	130	440		U
78-59-1	Isophorone	130	440		U
120-58-1	Isosafrole	130	440		U
143-50-0	Kepone	130	440		U
91-80-5	Methapyrilene	130	440		U
56-49-5	3-Methylcholanthrene	130	440		U
66-27-3	Methyl methanesulfonate	130	440		U
91-57-6	2-Methylnaphthalene	53	440		U
298-00-0	Methyl parathion	130	440		U
106-44-5	4-Methylphenol	130	440		U
91-20-3	Naphthalene	53	440		U
95-48-7	2-Methylphenol	130	440		U
108-39-4	3-Methylphenol	130	440		U
130-15-4	1,4-Naphthoquinone	130	440		U
134-32-7	1-Naphthylamine	130	440		U
91-59-8	2-Naphthylamine	130	440		U
88-74-4	2-Nitroaniline	130	1800		U
99-09-2	3-Nitroaniline	130	1800		U
100-01-6	4-Nitroaniline	130	1800		U
98-95-3	Nitrobenzene	130	440		U
88-75-5	2-Nitrophenol	130	440		U
100-02-7	4-Nitrophenol	130	1800		U
56-57-5	4-Nitroquinoline-1-oxide	130	440		U
924-16-3	N-Nitrosodi-n-butylamine	130	440		U
55-18-5	N-Nitrosodiethylamine	130	440		U
62-75-9	N-Nitroso-di-methylamine	130	440		U
86-30-6	N-Nitrosodiphenylamine (1)	130	440		U
621-64-7	N-Nitroso-di-n-propylamine	130	440		U
10595-95-6	N-Nitrosomethylethylamine	130	440		U
59-89-2	N-Nitrosomorpholine	130	440		U
100-75-4	N-Nitrosopiperidine	130	440		U
930-55-2	N-Nitrosopyrrolidine	130	440		U
99-55-8	5-Nitro-o-toluidine	130	440		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-26

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1105626

% Moisture: 26 decanted: (Y/N) N Date Sampled: 11/05/06 11:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 15:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	130	440		U
608-93-5	Pentachlorobenzene	130	440		U
76-01-7	Pentachloroethane	130	440		U
82-68-8	Pentachloronitrobenzene	130	440		U
87-86-5	Pentachlorophenol	130	1800		U
62-44-2	Phenacetin	130	440		U
85-01-8	Phenanthrene	53	440		U
108-95-2	Phenol	130	440		U
106-50-3	p-Phenylenediamine	130	440		U
298-02-2	Phorate	130	440		U
109-06-8	2-Picoline	130	440		U
23950-58-5	Pronamide	130	440		U
129-00-0	Pyrene	53	440		U
110-86-1	Pyridine	130	1800		U
94-59-7	Safrole	130	440		U
3689-24-5	Sulfotepp	130	440		U
95-94-3	1,2,4,5-Tetrachlorobenzene	130	440		U
58-90-2	2,3,4,6-Tetrachlorophenol	130	440		U
297-97-2	Thionazin	130	440		U
95-53-4	o-Toluidine	130	440		U
120-82-1	1,2,4-Trichlorobenzene	130	440		U
95-95-4	2,4,5-Trichlorophenol	130	440		U
88-06-2	2,4,6-Trichlorophenol	130	440		U
126-68-1	O,O,O-Triethylphosphorothioa	130	440		U
99-35-4	sym-Trinitrobenzene	130	440		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-27

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105627

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 14:00

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
83-32-9	Acenaphthene	48	400		U
208-96-8	Acenaphthylene	48	400		U
98-86-2	Acetophenone	120	400		U
53-96-3	2-Acetylaminofluorene	120	400		U
92-67-1	4-Aminobiphenyl	120	400		U
62-53-3	Aniline	120	400		U
140-57-8	Aramite	120	400		U
120-12-7	Anthracene	48	400		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	48	400		U
205-99-2	Benzo(b)fluoranthene	48	400		U
207-08-9	Benzo(k)fluoranthene	48	400		U
191-24-2	Benzo(g,h,i)perylene	48	400		U
50-32-8	Benzo(a)pyrene	48	400		U
100-51-6	Benzyl alcohol	120	400		U
111-91-1	bis(2-Chloroethoxy)methane	120	400		U
111-44-4	bis(2-Chloroethyl)ether	120	400		U
108-60-1	bis(2-Chloroisopropyl)ether	120	400		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	400		U
101-55-3	4-Bromophenyl-phenylether	120	400		U
85-68-7	Butylbenzylphthalate	120	400		U
106-47-8	4-Chloroaniline	120	400		U
510-15-6	Chlorobenzilate	120	400		U
59-50-7	4-Chloro-3-methylphenol	120	400		U
91-58-7	2-Chloronaphthalene	120	400		U
95-57-8	2-Chlorophenol	120	400		U
7005-72-3	4-Chlorophenyl-phenylether	120	400		U
218-01-9	Chrysene	48	400		U
2303-16-4	Diallate	120	400		U
53-70-3	Dibenz(a,h)anthracene	48	400		U
132-64-9	Dibenzofuran	120	400		U
91-94-1	3,3'-Dichlorobenzidine	180	400		U
106-46-7	1,4-Dichlorobenzene	120	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-27

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105627

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 14:00

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	400		U
541-73-1	1,3-Dichlorobenzene	120	400		U
120-83-2	2,4-Dichlorophenol	120	400		U
87-65-0	2,6-Dichlorophenol	120	400		U
84-66-2	Diethylphthalate	120	400		U
60-51-5	Dimethoate	120	400		U
60-11-7	p-(Dimethylamino)azobenzene	120	400		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	400		U
119-93-7	3,3'-Dimethylbenzidine	120	400		U
122-09-8	a,a-Dimethyl-phenethylamine	120	400		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	400		U
84-74-2	Di-n-butylphthalate	120	400		U
99-65-0	m-Dinitrobenzene	120	400		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	4000		U
121-14-2	2,4-Dinitrotoluene	120	400		U
606-20-2	2,6-Dinitrotoluene	120	400		U
88-85-7	Dinoseb	120	400		U
117-84-0	Di-n-octylphthalate	120	400		U
122-39-4	Diphenylamine	120	400		U
298-04-4	Disulfoton	120	400		U
62-50-0	Ethyl methanesulfonate	120	400		U
52-85-7	Famphur	120	400		U
206-44-0	Fluoranthene	48	400		U
86-73-7	Fluorene	48	400		U
118-74-1	Hexachlorobenzene	120	400		U
87-68-3	Hexachlorobutadiene	120	400		U
77-47-4	Hexachlorocyclopentadiene	120	400		U
67-72-1	Hexachloroethane	120	400		U
70-30-4	Hexachlorophene	120	810		U
1888-71-7	Hexachloropropene	120	400		U
193-39-5	Indeno(1,2,3-cd)pyrene	48	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-27

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105627

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 14:00

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	120	400		U
78-59-1	Isophorone	120	400		U
120-58-1	Isosafrole	120	400		U
143-50-0	Kepone	120	400		U
91-80-5	Methapyrilene	120	400		U
56-49-5	3-Methylcholanthrene	120	400		U
66-27-3	Methyl methanesulfonate	120	400		U
91-57-6	2-Methylnaphthalene	48	400		U
298-00-0	Methyl parathion	120	400		U
106-44-5	4-Methylphenol	120	400		U
91-20-3	Naphthalene	48	400		U
95-48-7	2-Methylphenol	120	400		U
108-39-4	3-Methylphenol	120	400		U
130-15-4	1,4-Naphthoquinone	120	400		U
134-32-7	1-Naphthylamine	120	400		U
91-59-8	2-Naphthylamine	120	400		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	400		U
88-75-5	2-Nitrophenol	120	400		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	400		U
924-16-3	N-Nitrosodi-n-butylamine	120	400		U
55-18-5	N-Nitrosodiethylamine	120	400		U
62-75-9	N-Nitroso-di-methylamine	120	400		U
86-30-6	N-Nitrosodiphenylamine (1)	120	400		U
621-64-7	N-Nitroso-di-n-propylamine	120	400		U
10595-95-6	N-Nitrosomethylethylamine	120	400		U
59-89-2	N-Nitrosomorpholine	120	400		U
100-75-4	N-Nitrosopiperidine	120	400		U
930-55-2	N-Nitrosopyrrolidine	120	400		U
99-55-8	5-Nitro-o-toluidine	120	400		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-27

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105627

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 14:00

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	120	400		U
608-93-5	Pentachlorobenzene	120	400		U
76-01-7	Pentachloroethane	120	400		U
82-68-8	Pentachloronitrobenzene	120	400		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	400		U
85-01-8	Phenanthrene	48	400		U
108-95-2	Phenol	120	400		U
106-50-3	p-Phenylenediamine	120	400		U
298-02-2	Phorate	120	400		U
109-06-8	2-Picoline	120	400		U
23950-58-5	Pronamide	120	400		U
129-00-0	Pyrene	48	400		U
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	400		U
3689-24-5	Sulfotepp	120	400		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	400		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	400		U
297-97-2	Thionazin	120	400		U
95-53-4	o-Toluidine	120	400		U
120-82-1	1,2,4-Trichlorobenzene	120	400		U
95-95-4	2,4,5-Trichlorophenol	120	400		U
88-06-2	2,4,6-Trichlorophenol	120	400		U
126-68-1	O,O,O-Triethylphosphorothioa	120	400		U
99-35-4	sym-Trinitrobenzene	120	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-28

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105628

% Moisture: 24 decanted: (Y/N) N Date Sampled: 11/05/06 14:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:49

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	51	420		U
208-96-8	Acenaphthylene	51	420		U
98-86-2	Acetophenone	130	420		U
53-96-3	2-Acetylaminofluorene	130	420		U
92-67-1	4-Aminobiphenyl	130	420		U
62-53-3	Aniline	130	420		U
140-57-8	Aramite	130	420		U
120-12-7	Anthracene	51	420		U
65-85-0	Benzoic acid	130	1700		U
56-55-3	Benzo(a)anthracene	51	420		U
205-99-2	Benzo(b)fluoranthene	51	420		U
207-08-9	Benzo(k)fluoranthene	51	420		U
191-24-2	Benzo(g,h,i)perylene	51	420		U
50-32-8	Benzo(a)pyrene	51	420		U
100-51-6	Benzyl alcohol	130	420		U
111-91-1	bis(2-Chloroethoxy)methane	130	420		U
111-44-4	bis(2-Chloroethyl)ether	130	420		U
108-60-1	bis(2-Chloroisopropyl)ether	130	420		U
117-81-7	Bis(2-ethylhexyl)phthalate	130	420		U
101-55-3	4-Bromophenyl-phenylether	130	420		U
85-68-7	Butylbenzylphthalate	130	420		U
106-47-8	4-Chloroaniline	130	420		U
510-15-6	Chlorobenzilate	130	420		U
59-50-7	4-Chloro-3-methylphenol	130	420		U
91-58-7	2-Chloronaphthalene	130	420		U
95-57-8	2-Chlorophenol	130	420		U
7005-72-3	4-Chlorophenyl-phenylether	130	420		U
218-01-9	Chrysene	51	420		U
2303-16-4	Diallate	130	420		U
53-70-3	Dibenz(a,h)anthracene	51	420		U
132-64-9	Dibenzofuran	130	420		U
91-94-1	3,3'-Dichlorobenzidine	190	420		U
106-46-7	1,4-Dichlorobenzene	130	420		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-28

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105628

% Moisture: 24 decanted: (Y/N) N Date Sampled: 11/05/06 14:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:49

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	130	420		U
541-73-1	1,3-Dichlorobenzene	130	420		U
120-83-2	2,4-Dichlorophenol	130	420		U
87-65-0	2,6-Dichlorophenol	130	420		U
84-66-2	Diethylphthalate	130	420		U
60-51-5	Dimethoate	130	420		U
60-11-7	p-(Dimethylamino)azobenzene	130	420		U
57-97-6	7,12-Dimethylbenz[a]anthrace	130	420		U
119-93-7	3,3'-Dimethylbenzidine	130	420		U
122-09-8	a,a-Dimethyl-phenethylamine	130	420		U
105-67-9	2,4-Dimethylphenol	130	1700		U
131-11-3	Dimethylphthalate	130	420		U
84-74-2	Di-n-butylphthalate	130	420		U
99-65-0	m-Dinitrobenzene	130	420		U
534-52-1	4,6-Dinitro-2-methylphenol	130	1700		U
51-28-5	2,4-Dinitrophenol	130	4200		U
121-14-2	2,4-Dinitrotoluene	130	420		U
606-20-2	2,6-Dinitrotoluene	130	420		U
88-85-7	Dinoseb	130	420		U
117-84-0	Di-n-octylphthalate	130	420		U
122-39-4	Diphenylamine	130	420		U
298-04-4	Disulfoton	130	420		U
62-50-0	Ethyl methanesulfonate	130	420		U
52-85-7	Famphur	130	420		U
206-44-0	Fluoranthene	51	420		U
86-73-7	Fluorene	51	420		U
118-74-1	Hexachlorobenzene	130	420		U
87-68-3	Hexachlorobutadiene	130	420		U
77-47-4	Hexachlorocyclopentadiene	130	420		U
67-72-1	Hexachloroethane	130	420		U
70-30-4	Hexachlorophene	130	850		U
1888-71-7	Hexachloropropene	130	420		U
193-39-5	Indeno(1,2,3-cd)pyrene	51	420		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-28

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105628

% Moisture: 24 decanted: (Y/N) N Date Sampled: 11/05/06 14:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:49

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	130	420		U
78-59-1	Isophorone	130	420		U
120-58-1	Isosafrole	130	420		U
143-50-0	Kepone	130	420		U
91-80-5	Methapyrilene	130	420		U
56-49-5	3-Methylcholanthrene	130	420		U
66-27-3	Methyl methanesulfonate	130	420		U
91-57-6	2-Methylnaphthalene	51	420		U
298-00-0	Methyl parathion	130	420		U
106-44-5	4-Methylphenol	130	420		U
91-20-3	Naphthalene	51	420		U
95-48-7	2-Methylphenol	130	420		U
108-39-4	3-Methylphenol	130	420		U
130-15-4	1,4-Naphthoquinone	130	420		U
134-32-7	1-Naphthylamine	130	420		U
91-59-8	2-Naphthylamine	130	420		U
88-74-4	2-Nitroaniline	130	1700		U
99-09-2	3-Nitroaniline	130	1700		U
100-01-6	4-Nitroaniline	130	1700		U
98-95-3	Nitrobenzene	130	420		U
88-75-5	2-Nitrophenol	130	420		U
100-02-7	4-Nitrophenol	130	1700		U
56-57-5	4-Nitroquinoline-1-oxide	130	420		U
924-16-3	N-Nitrosodi-n-butylamine	130	420		U
55-18-5	N-Nitrosodiethylamine	130	420		U
62-75-9	N-Nitroso-di-methylamine	130	420		U
86-30-6	N-Nitrosodiphenylamine (1)	130	420		U
621-64-7	N-Nitroso-di-n-propylamine	130	420		U
10595-95-6	N-Nitrosomethylethylamine	130	420		U
59-89-2	N-Nitrosomorpholine	130	420		U
100-75-4	N-Nitrosopiperidine	130	420		U
930-55-2	N-Nitrosopyrrolidine	130	420		U
99-55-8	5-Nitro-o-toluidine	130	420		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-28

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105628

% Moisture: 24 decanted: (Y/N) N Date Sampled: 11/05/06 14:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 16:49

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	130	420		U
608-93-5	Pentachlorobenzene	130	420		U
76-01-7	Pentachloroethane	130	420		U
82-68-8	Pentachloronitrobenzene	130	420		U
87-86-5	Pentachlorophenol	130	1700		U
62-44-2	Phenacetin	130	420		U
85-01-8	Phenanthrene	51	420		U
108-95-2	Phenol	130	420		U
106-50-3	p-Phenylenediamine	130	420		U
298-02-2	Phorate	130	420		U
109-06-8	2-Picoline	130	420		U
23950-58-5	Pronamide	130	420		U
129-00-0	Pyrene	51	420		U
110-86-1	Pyridine	130	1700		U
94-59-7	Safrole	130	420		U
3689-24-5	Sulfotepp	130	420		U
95-94-3	1,2,4,5-Tetrachlorobenzene	130	420		U
58-90-2	2,3,4,6-Tetrachlorophenol	130	420		U
297-97-2	Thionazin	130	420		U
95-53-4	o-Toluidine	130	420		U
120-82-1	1,2,4-Trichlorobenzene	130	420		U
95-95-4	2,4,5-Trichlorophenol	130	420		U
88-06-2	2,4,6-Trichlorophenol	130	420		U
126-68-1	O,O,O-Triethylphosphorothioa	130	420		U
99-35-4	sym-Trinitrobenzene	130	420		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-29

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105629

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 14:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	43	360		U
208-96-8	Acenaphthylene	43	360		U
98-86-2	Acetophenone	110	360		U
53-96-3	2-Acetylaminofluorene	110	360		U
92-67-1	4-Aminobiphenyl	110	360		U
62-53-3	Aniline	110	360		U
140-57-8	Aramite	110	360		U
120-12-7	Anthracene	43	360		U
65-85-0	Benzoic acid	110	1400		U
56-55-3	Benzo(a)anthracene	43	360		U
205-99-2	Benzo(b)fluoranthene	43	360		U
207-08-9	Benzo(k)fluoranthene	43	360		U
191-24-2	Benzo(g,h,i)perylene	43	360		U
50-32-8	Benzo(a)pyrene	43	360		U
100-51-6	Benzyl alcohol	110	360		U
111-91-1	bis(2-Chloroethoxy)methane	110	360		U
111-44-4	bis(2-Chloroethyl)ether	110	360		U
108-60-1	bis(2-Chloroisopropyl)ether	110	360		U
117-81-7	Bis(2-ethylhexyl)phthalate	110	360		U
101-55-3	4-Bromophenyl-phenylether	110	360		U
85-68-7	Butylbenzylphthalate	110	360		U
106-47-8	4-Chloroaniline	110	360		U
510-15-6	Chlorobenzilate	110	360		U
59-50-7	4-Chloro-3-methylphenol	110	360		U
91-58-7	2-Chloronaphthalene	110	360		U
95-57-8	2-Chlorophenol	110	360		U
7005-72-3	4-Chlorophenyl-phenylether	110	360		U
218-01-9	Chrysene	43	360		U
2303-16-4	Diallate	110	360		U
53-70-3	Dibenz(a,h)anthracene	43	360		U
132-64-9	Dibenzofuran	110	360		U
91-94-1	3,3'-Dichlorobenzidine	160	360		U
106-46-7	1,4-Dichlorobenzene	110	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-29

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105629

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 14:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	110	360		U
541-73-1	1,3-Dichlorobenzene	110	360		U
120-83-2	2,4-Dichlorophenol	110	360		U
87-65-0	2,6-Dichlorophenol	110	360		U
84-66-2	Diethylphthalate	110	360		U
60-51-5	Dimethoate	110	360		U
60-11-7	p-(Dimethylamino)azobenzene	110	360		U
57-97-6	7,12-Dimethylbenz[a]anthrace	110	360		U
119-93-7	3,3'-Dimethylbenzidine	110	360		U
122-09-8	a,a-Dimethyl-phenethylamine	110	360		U
105-67-9	2,4-Dimethylphenol	110	1400		U
131-11-3	Dimethylphthalate	110	360		U
84-74-2	Di-n-butylphthalate	110	360		U
99-65-0	m-Dinitrobenzene	110	360		U
534-52-1	4,6-Dinitro-2-methylphenol	110	1400		U
51-28-5	2,4-Dinitrophenol	110	3600		U
121-14-2	2,4-Dinitrotoluene	110	360		U
606-20-2	2,6-Dinitrotoluene	110	360		U
88-85-7	Dinoseb	110	360		U
117-84-0	Di-n-octylphthalate	110	360		U
122-39-4	Diphenylamine	110	360		U
298-04-4	Disulfoton	110	360		U
62-50-0	Ethyl methanesulfonate	110	360		U
52-85-7	Famphur	110	360		U
206-44-0	Fluoranthene	43	360		U
86-73-7	Fluorene	43	360		U
118-74-1	Hexachlorobenzene	110	360		U
87-68-3	Hexachlorobutadiene	110	360		U
77-47-4	Hexachlorocyclopentadiene	110	360		U
67-72-1	Hexachloroethane	110	360		U
70-30-4	Hexachlorophene	110	710		U
1888-71-7	Hexachloropropene	110	360		U
193-39-5	Indeno(1,2,3-cd)pyrene	43	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-29

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105629

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 14:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	110	360		U
78-59-1	Isophorone	110	360		U
120-58-1	Isosafrole	110	360		U
143-50-0	Kepone	110	360		U
91-80-5	Methapyrilene	110	360		U
56-49-5	3-Methylcholanthrene	110	360		U
66-27-3	Methyl methanesulfonate	110	360		U
91-57-6	2-Methylnaphthalene	43	360		U
298-00-0	Methyl parathion	110	360		U
106-44-5	4-Methylphenol	110	360		U
91-20-3	Naphthalene	43	360		U
95-48-7	2-Methylphenol	110	360		U
108-39-4	3-Methylphenol	110	360		U
130-15-4	1,4-Naphthoquinone	110	360		U
134-32-7	1-Naphthylamine	110	360		U
91-59-8	2-Naphthylamine	110	360		U
88-74-4	2-Nitroaniline	110	1400		U
99-09-2	3-Nitroaniline	110	1400		U
100-01-6	4-Nitroaniline	110	1400		U
98-95-3	Nitrobenzene	110	360		U
88-75-5	2-Nitrophenol	110	360		U
100-02-7	4-Nitrophenol	110	1400		U
56-57-5	4-Nitroquinoline-1-oxide	110	360		U
924-16-3	N-Nitrosodi-n-butylamine	110	360		U
55-18-5	N-Nitrosodiethylamine	110	360		U
62-75-9	N-Nitroso-di-methylamine	110	360		U
86-30-6	N-Nitrosodiphenylamine (1)	110	360		U
621-64-7	N-Nitroso-di-n-propylamine	110	360		U
10595-95-6	N-Nitrosomethylethylamine	110	360		U
59-89-2	N-Nitrosomorpholine	110	360		U
100-75-4	N-Nitrosopiperidine	110	360		U
930-55-2	N-Nitrosopyrrolidine	110	360		U
99-55-8	5-Nitro-o-toluidine	110	360		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-29

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105629

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 14:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
56-38-2	Parathion	110	360		U
608-93-5	Pentachlorobenzene	110	360		U
76-01-7	Pentachloroethane	110	360		U
82-68-8	Pentachloronitrobenzene	110	360		U
87-86-5	Pentachlorophenol	110	1400		U
62-44-2	Phenacetin	110	360		U
85-01-8	Phenanthrene	43	360		U
108-95-2	Phenol	110	360		U
106-50-3	p-Phenylenediamine	110	360		U
298-02-2	Phorate	110	360		U
109-06-8	2-Picoline	110	360		U
23950-58-5	Pronamide	110	360		U
129-00-0	Pyrene	43	360		U
110-86-1	Pyridine	110	1400		U
94-59-7	Safrole	110	360		U
3689-24-5	Sulfotepp	110	360		U
95-94-3	1,2,4,5-Tetrachlorobenzene	110	360		U
58-90-2	2,3,4,6-Tetrachlorophenol	110	360		U
297-97-2	Thionazin	110	360		U
95-53-4	o-Toluidine	110	360		U
120-82-1	1,2,4-Trichlorobenzene	110	360		U
95-95-4	2,4,5-Trichlorophenol	110	360		U
88-06-2	2,4,6-Trichlorophenol	110	360		U
126-68-1	O,O,O-Triethylphosphorothioa	110	360		U
99-35-4	sym-Trinitrobenzene	110	360		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-30

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105630

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/05/06 14:40

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	48	400		U
208-96-8	Acenaphthylene	48	400		U
98-86-2	Acetophenone	120	400		U
53-96-3	2-Acetylaminofluorene	120	400		U
92-67-1	4-Aminobiphenyl	120	400		U
62-53-3	Aniline	120	400		U
140-57-8	Aramite	120	400		U
120-12-7	Anthracene	48	400		U
65-85-0	Benzoic acid	120	1600		U
56-55-3	Benzo(a)anthracene	48	400		U
205-99-2	Benzo(b)fluoranthene	48	400		U
207-08-9	Benzo(k)fluoranthene	48	400		U
191-24-2	Benzo(g,h,i)perylene	48	400		U
50-32-8	Benzo(a)pyrene	48	400		U
100-51-6	Benzyl alcohol	120	400		U
111-91-1	bis(2-Chloroethoxy)methane	120	400		U
111-44-4	bis(2-Chloroethyl)ether	120	400		U
108-60-1	bis(2-Chloroisopropyl)ether	120	400		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	400		U
101-55-3	4-Bromophenyl-phenylether	120	400		U
85-68-7	Butylbenzylphthalate	120	400		U
106-47-8	4-Chloroaniline	120	400		U
510-15-6	Chlorobenzilate	120	400		U
59-50-7	4-Chloro-3-methylphenol	120	400		U
91-58-7	2-Chloronaphthalene	120	400		U
95-57-8	2-Chlorophenol	120	400		U
7005-72-3	4-Chlorophenyl-phenylether	120	400		U
218-01-9	Chrysene	48	400		U
2303-16-4	Diallate	120	400		U
53-70-3	Dibenz(a,h)anthracene	48	400		U
132-64-9	Dibenzofuran	120	400		U
91-94-1	3,3'-Dichlorobenzidine	180	400		U
106-46-7	1,4-Dichlorobenzene	120	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-30

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105630

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/05/06 14:40

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	120	400		U
541-73-1	1,3-Dichlorobenzene	120	400		U
120-83-2	2,4-Dichlorophenol	120	400		U
87-65-0	2,6-Dichlorophenol	120	400		U
84-66-2	Diethylphthalate	120	400		U
60-51-5	Dimethoate	120	400		U
60-11-7	p-(Dimethylamino)azobenzene	120	400		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	400		U
119-93-7	3,3'-Dimethylbenzidine	120	400		U
122-09-8	a,a-Dimethyl-phenethylamine	120	400		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	400		U
84-74-2	Di-n-butylphthalate	120	400		U
99-65-0	m-Dinitrobenzene	120	400		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	4000		U
121-14-2	2,4-Dinitrotoluene	120	400		U
606-20-2	2,6-Dinitrotoluene	120	400		U
88-85-7	Dinoseb	120	400		U
117-84-0	Di-n-octylphthalate	120	400		U
122-39-4	Diphenylamine	120	400		U
298-04-4	Disulfoton	120	400		U
62-50-0	Ethyl methanesulfonate	120	400		U
52-85-7	Famphur	120	400		U
206-44-0	Fluoranthene	48	400		U
86-73-7	Fluorene	48	400		U
118-74-1	Hexachlorobenzene	120	400		U
87-68-3	Hexachlorobutadiene	120	400		U
77-47-4	Hexachlorocyclopentadiene	120	400		U
67-72-1	Hexachloroethane	120	400		U
70-30-4	Hexachlorophene	120	800		U
1888-71-7	Hexachloropropene	120	400		U
193-39-5	Indeno(1,2,3-cd)pyrene	48	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-30

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105630

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/05/06 14:40

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	UG/KG CONC	Q
465-73-6	Isodrin	120	400		U
78-59-1	Isophorone	120	400		U
120-58-1	Isosafrole	120	400		U
143-50-0	Kepone	120	400		U
91-80-5	Methapyrilene	120	400		U
56-49-5	3-Methylcholanthrene	120	400		U
66-27-3	Methyl methanesulfonate	120	400		U
91-57-6	2-Methylnaphthalene	48	400		U
298-00-0	Methyl parathion	120	400		U
106-44-5	4-Methylphenol	120	400		U
91-20-3	Naphthalene	48	400		U
95-48-7	2-Methylphenol	120	400		U
108-39-4	3-Methylphenol	120	400		U
130-15-4	1,4-Naphthoquinone	120	400		U
134-32-7	1-Naphthylamine	120	400		U
91-59-8	2-Naphthylamine	120	400		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	400		U
88-75-5	2-Nitrophenol	120	400		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	400		U
924-16-3	N-Nitrosodi-n-butylamine	120	400		U
55-18-5	N-Nitrosodiethylamine	120	400		U
62-75-9	N-Nitroso-di-methylamine	120	400		U
86-30-6	N-Nitrosodiphenylamine (1)	120	400		U
621-64-7	N-Nitroso-di-n-propylamine	120	400		U
10595-95-6	N-Nitrosomethylethylamine	120	400		U
59-89-2	N-Nitrosomorpholine	120	400		U
100-75-4	N-Nitrosopiperidine	120	400		U
930-55-2	N-Nitrosopyrrolidine	120	400		U
99-55-8	5-Nitro-o-toluidine	120	400		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-30

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105630

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/05/06 14:40

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/01/06 17:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
56-38-2	Parathion	120	400		U
608-93-5	Pentachlorobenzene	120	400		U
76-01-7	Pentachloroethane	120	400		U
82-68-8	Pentachloronitrobenzene	120	400		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	400		U
85-01-8	Phenanthrene	48	400		U
108-95-2	Phenol	120	400		U
106-50-3	p-Phenylenediamine	120	400		U
298-02-2	Phorate	120	400		U
109-06-8	2-Picoline	120	400		U
23950-58-5	Pronamide	120	400		U
129-00-0	Pyrene	48	400		U
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	400		U
3689-24-5	Sulfotepp	120	400		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	400		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	400		U
297-97-2	Thionazin	120	400		U
95-53-4	o-Toluidine	120	400		U
120-82-1	1,2,4-Trichlorobenzene	120	400		U
95-95-4	2,4,5-Trichlorophenol	120	400		U
88-06-2	2,4,6-Trichlorophenol	120	400		U
126-68-1	O,O,O-Triethylphosphorothioa	120	400		U
99-35-4	sym-Trinitrobenzene	120	400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-31

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105631

% Moisture: 16 decanted: (Y/N) N Date Sampled: 11/05/06 15:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 10:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	47	390		U
208-96-8	Acenaphthylene	47	390		U
98-86-2	Acetophenone	120	390		U
53-96-3	2-Acetylaminofluorene	120	390		U
92-67-1	4-Aminobiphenyl	120	390		U
62-53-3	Aniline	120	390		U
140-57-8	Aramite	120	390		U
120-12-7	Anthracene	47	390		U
65-85-0	Benzoic acid	120	1600	350	I
56-55-3	Benzo(a)anthracene	47	390	210	I
205-99-2	Benzo(b)fluoranthene	47	390	310	I
207-08-9	Benzo(k)fluoranthene	47	390	190	I
191-24-2	Benzo(g,h,i)perylene	47	390	120	I
50-32-8	Benzo(a)pyrene	47	390	220	I
100-51-6	Benzyl alcohol	120	390		U
111-91-1	bis(2-Chloroethoxy)methane	120	390		U
111-44-4	bis(2-Chloroethyl)ether	120	390		U
108-60-1	bis(2-Chloroisopropyl)ether	120	390		U
117-81-7	Bis(2-ethylhexyl)phthalate	120	390		U
101-55-3	4-Bromophenyl-phenylether	120	390		U
85-68-7	Butylbenzylphthalate	120	390		U
106-47-8	4-Chloroaniline	120	390		U
510-15-6	Chlorobenzilate	120	390		U
59-50-7	4-Chloro-3-methylphenol	120	390		U
91-58-7	2-Chloronaphthalene	120	390		U
95-57-8	2-Chlorophenol	120	390		U
7005-72-3	4-Chlorophenyl-phenylether	120	390		U
218-01-9	Chrysene	47	390	260	I
2303-16-4	Diallate	120	390		U
53-70-3	Dibenz(a,h)anthracene	47	390		U
132-64-9	Dibenzofuran	120	390		U
91-94-1	3,3'-Dichlorobenzidine	180	390		U
106-46-7	1,4-Dichlorobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-31

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105631

% Moisture: 16 decanted: (Y/N) N Date Sampled: 11/05/06 15:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 10:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	120	390		U
541-73-1	1,3-Dichlorobenzene	120	390		U
120-83-2	2,4-Dichlorophenol	120	390		U
87-65-0	2,6-Dichlorophenol	120	390		U
84-66-2	Diethylphthalate	120	390		U
60-51-5	Dimethoate	120	390		U
60-11-7	p-(Dimethylamino)azobenzene	120	390		U
57-97-6	7,12-Dimethylbenz[a]anthrace	120	390		U
119-93-7	3,3'-Dimethylbenzidine	120	390		U
122-09-8	a,a-Dimethyl-phenethylamine	120	390		U
105-67-9	2,4-Dimethylphenol	120	1600		U
131-11-3	Dimethylphthalate	120	390		U
84-74-2	Di-n-butylphthalate	120	390		U
99-65-0	m-Dinitrobenzene	120	390		U
534-52-1	4,6-Dinitro-2-methylphenol	120	1600		U
51-28-5	2,4-Dinitrophenol	120	3900		U
121-14-2	2,4-Dinitrotoluene	120	390		U
606-20-2	2,6-Dinitrotoluene	120	390		U
88-85-7	Dinoseb	120	390		U
117-84-0	Di-n-octylphthalate	120	390		U
122-39-4	Diphenylamine	120	390		U
298-04-4	Disulfoton	120	390		U
62-50-0	Ethyl methanesulfonate	120	390		U
52-85-7	Famphur	120	390		U
206-44-0	Fluoranthene	47	390	220	I
86-73-7	Fluorene	47	390		U
118-74-1	Hexachlorobenzene	120	390		U
87-68-3	Hexachlorobutadiene	120	390		U
77-47-4	Hexachlorocyclopentadiene	120	390		U
67-72-1	Hexachloroethane	120	390		U
70-30-4	Hexachlorophene	120	780		U
1888-71-7	Hexachloropropene	120	390		U
193-39-5	Indeno(1,2,3-cd)pyrene	47	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-31

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105631

% Moisture: 16 decanted: (Y/N) N Date Sampled: 11/05/06 15:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 10:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	120	390		U
78-59-1	Isophorone	120	390		U
120-58-1	Isosafrole	120	390		U
143-50-0	Kepone	120	390		U
91-80-5	Methapyrilene	120	390		U
56-49-5	3-Methylcholanthrene	120	390		U
66-27-3	Methyl methanesulfonate	120	390		U
91-57-6	2-Methylnaphthalene	47	390		U
298-00-0	Methyl parathion	120	390		U
106-44-5	4-Methylphenol	120	390		U
91-20-3	Naphthalene	47	390		U
95-48-7	2-Methylphenol	120	390		U
108-39-4	3-Methylphenol	120	390		U
130-15-4	1,4-Naphthoquinone	120	390		U
134-32-7	1-Naphthylamine	120	390		U
91-59-8	2-Naphthylamine	120	390		U
88-74-4	2-Nitroaniline	120	1600		U
99-09-2	3-Nitroaniline	120	1600		U
100-01-6	4-Nitroaniline	120	1600		U
98-95-3	Nitrobenzene	120	390		U
88-75-5	2-Nitrophenol	120	390		U
100-02-7	4-Nitrophenol	120	1600		U
56-57-5	4-Nitroquinoline-1-oxide	120	390		U
924-16-3	N-Nitrosodi-n-butylamine	120	390		U
55-18-5	N-Nitrosodiethylamine	120	390		U
62-75-9	N-Nitroso-di-methylamine	120	390		U
86-30-6	N-Nitrosodiphenylamine (1)	120	390		U
621-64-7	N-Nitroso-di-n-propylamine	120	390		U
10595-95-6	N-Nitrosomethylethylamine	120	390		U
59-89-2	N-Nitrosomorpholine	120	390		U
100-75-4	N-Nitrosopiperidine	120	390		U
930-55-2	N-Nitrosopyrrolidine	120	390		U
99-55-8	5-Nitro-o-toluidine	120	390		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-31

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1105631

% Moisture: 16 decanted: (Y/N) N Date Sampled: 11/05/06 15:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 10:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
56-38-2	Parathion	120	390		U
608-93-5	Pentachlorobenzene	120	390		U
76-01-7	Pentachloroethane	120	390		U
82-68-8	Pentachloronitrobenzene	120	390		U
87-86-5	Pentachlorophenol	120	1600		U
62-44-2	Phenacetin	120	390		U
85-01-8	Phenanthrene	47	390		U
108-95-2	Phenol	120	390		U
106-50-3	p-Phenylenediamine	120	390		U
298-02-2	Phorate	120	390		U
109-06-8	2-Picoline	120	390		U
23950-58-5	Pronamide	120	390		U
129-00-0	Pyrene	47	390	320	I
110-86-1	Pyridine	120	1600		U
94-59-7	Safrole	120	390		U
3689-24-5	Sulfotepp	120	390		U
95-94-3	1,2,4,5-Tetrachlorobenzene	120	390		U
58-90-2	2,3,4,6-Tetrachlorophenol	120	390		U
297-97-2	Thionazin	120	390		U
95-53-4	o-Toluidine	120	390		U
120-82-1	1,2,4-Trichlorobenzene	120	390		U
95-95-4	2,4,5-Trichlorophenol	120	390		U
88-06-2	2,4,6-Trichlorophenol	120	390		U
126-68-1	O,O,O-Triethylphosphorothioa	120	390		U
99-35-4	sym-Trinitrobenzene	120	390		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-32

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105632

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/05/06 15:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:16

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	59	490		U
208-96-8	Acenaphthylene	59	490		U
98-86-2	Acetophenone	150	490		U
53-96-3	2-Acetylaminofluorene	150	490		U
92-67-1	4-Aminobiphenyl	150	490		U
62-53-3	Aniline	150	490		U
140-57-8	Aramite	150	490		U
120-12-7	Anthracene	59	490		U
65-85-0	Benzoic acid	150	2000		U
56-55-3	Benzo(a)anthracene	59	490	200	I
205-99-2	Benzo(b)fluoranthene	59	490	280	I
207-08-9	Benzo(k)fluoranthene	59	490	210	I
191-24-2	Benzo(g,h,i)perylene	59	490	170	I
50-32-8	Benzo(a)pyrene	59	490	260	I
100-51-6	Benzyl alcohol	150	490		U
111-91-1	bis(2-Chloroethoxy)methane	150	490		U
111-44-4	bis(2-Chloroethyl)ether	150	490		U
108-60-1	bis(2-Chloroisopropyl)ether	150	490		U
117-81-7	Bis(2-ethylhexyl)phthalate	150	490		U
101-55-3	4-Bromophenyl-phenylether	150	490		U
85-68-7	Butylbenzylphthalate	150	490		U
106-47-8	4-Chloroaniline	150	490		U
510-15-6	Chlorobenzilate	150	490		U
59-50-7	4-Chloro-3-methylphenol	150	490		U
91-58-7	2-Chloronaphthalene	150	490		U
95-57-8	2-Chlorophenol	150	490		U
7005-72-3	4-Chlorophenyl-phenylether	150	490		U
218-01-9	Chrysene	59	490	260	I
2303-16-4	Diallate	150	490		U
53-70-3	Dibenz(a,h)anthracene	59	490		U
132-64-9	Dibenzofuran	150	490		U
91-94-1	3,3'-Dichlorobenzidine	220	490		U
106-46-7	1,4-Dichlorobenzene	150	490		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-32

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105632

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/05/06 15:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:16

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	150	490		U
541-73-1	1,3-Dichlorobenzene	150	490		U
120-83-2	2,4-Dichlorophenol	150	490		U
87-65-0	2,6-Dichlorophenol	150	490		U
84-66-2	Diethylphthalate	150	490		U
60-51-5	Dimethoate	150	490		U
60-11-7	p-(Dimethylamino)azobenzene	150	490		U
57-97-6	7,12-Dimethylbenz[a]anthrace	150	490		U
119-93-7	3,3'-Dimethylbenzidine	150	490		U
122-09-8	a,a-Dimethyl-phenethylamine	150	490		U
105-67-9	2,4-Dimethylphenol	150	2000		U
131-11-3	Dimethylphthalate	150	490		U
84-74-2	Di-n-butylphthalate	150	490		U
99-65-0	m-Dinitrobenzene	150	490		U
534-52-1	4,6-Dinitro-2-methylphenol	150	2000		U
51-28-5	2,4-Dinitrophenol	150	4900		U
121-14-2	2,4-Dinitrotoluene	150	490		U
606-20-2	2,6-Dinitrotoluene	150	490		U
88-85-7	Dinoseb	150	490		U
117-84-0	Di-n-octylphthalate	150	490		U
122-39-4	Diphenylamine	150	490		U
298-04-4	Disulfoton	150	490		U
62-50-0	Ethyl methanesulfonate	150	490		U
52-85-7	Famphur	150	490		U
206-44-0	Fluoranthene	59	490	290	I
86-73-7	Fluorene	59	490		U
118-74-1	Hexachlorobenzene	150	490		U
87-68-3	Hexachlorobutadiene	150	490		U
77-47-4	Hexachlorocyclopentadiene	150	490		U
67-72-1	Hexachloroethane	150	490		U
70-30-4	Hexachlorophene	150	990		U
1888-71-7	Hexachloropropene	150	490		U
193-39-5	Indeno(1,2,3-cd)pyrene	59	490	180	I

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-32

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105632

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/05/06 15:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:16

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	150	490		U
78-59-1	Isophorone	150	490		U
120-58-1	Isosafrole	150	490		U
143-50-0	Kepone	150	490		U
91-80-5	Methapyrilene	150	490		U
56-49-5	3-Methylcholanthrene	150	490		U
66-27-3	Methyl methanesulfonate	150	490		U
91-57-6	2-Methylnaphthalene	59	490		U
298-00-0	Methyl parathion	150	490		U
106-44-5	4-Methylphenol	150	490		U
91-20-3	Naphthalene	59	490		U
95-48-7	2-Methylphenol	150	490		U
108-39-4	3-Methylphenol	150	490		U
130-15-4	1,4-Naphthoquinone	150	490		U
134-32-7	1-Naphthylamine	150	490		U
91-59-8	2-Naphthylamine	150	490		U
88-74-4	2-Nitroaniline	150	2000		U
99-09-2	3-Nitroaniline	150	2000		U
100-01-6	4-Nitroaniline	150	2000		U
98-95-3	Nitrobenzene	150	490		U
88-75-5	2-Nitrophenol	150	490		U
100-02-7	4-Nitrophenol	150	2000		U
56-57-5	4-Nitroquinoline-1-oxide	150	490		U
924-16-3	N-Nitrosodi-n-butylamine	150	490		U
55-18-5	N-Nitrosodiethylamine	150	490		U
62-75-9	N-Nitroso-di-methylamine	150	490		U
86-30-6	N-Nitrosodiphenylamine (1)	150	490		U
621-64-7	N-Nitroso-di-n-propylamine	150	490		U
10595-95-6	N-Nitrosomethylethylamine	150	490		U
59-89-2	N-Nitrosomorpholine	150	490		U
100-75-4	N-Nitrosopiperidine	150	490		U
930-55-2	N-Nitrosopyrrolidine	150	490		U
99-55-8	5-Nitro-o-toluidine	150	490		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-32

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105632

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/05/06 15:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 11:16

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	150	490		U
608-93-5	Pentachlorobenzene	150	490		U
76-01-7	Pentachloroethane	150	490		U
82-68-8	Pentachloronitrobenzene	150	490		U
87-86-5	Pentachlorophenol	150	2000		U
62-44-2	Phenacetin	150	490		U
85-01-8	Phenanthrene	59	490	81	I
108-95-2	Phenol	150	490		U
106-50-3	p-Phenylenediamine	150	490		U
298-02-2	Phorate	150	490		U
109-06-8	2-Picoline	150	490		U
23950-58-5	Pronamide	150	490		U
129-00-0	Pyrene	59	490	410	I
110-86-1	Pyridine	150	2000		U
94-59-7	Safrole	150	490		U
3689-24-5	Sulfotepp	150	490		U
95-94-3	1,2,4,5-Tetrachlorobenzene	150	490		U
58-90-2	2,3,4,6-Tetrachlorophenol	150	490		U
297-97-2	Thionazin	150	490		U
95-53-4	o-Toluidine	150	490		U
120-82-1	1,2,4-Trichlorobenzene	150	490		U
95-95-4	2,4,5-Trichlorophenol	150	490		U
88-06-2	2,4,6-Trichlorophenol	150	490		U
126-68-1	O,O,O-Triethylphosphorothioa	150	490		U
99-35-4	sym-Trinitrobenzene	150	490		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-39

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105639

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	250	2000		U
208-96-8	Acenaphthylene	250	2000		U
98-86-2	Acetophenone	620	2000		U
53-96-3	2-Acetylaminofluorene	620	2000		U
92-67-1	4-Aminobiphenyl	620	2000		U
62-53-3	Aniline	620	2000		U
140-57-8	Aramite	620	2000		U
120-12-7	Anthracene	250	2000		U
65-85-0	Benzoic acid	620	8200		U
56-55-3	Benzo(a)anthracene	250	2000		U
205-99-2	Benzo(b)fluoranthene	250	2000		U
207-08-9	Benzo(k)fluoranthene	250	2000		U
191-24-2	Benzo(g,h,i)perylene	250	2000		U
50-32-8	Benzo(a)pyrene	250	2000		U
100-51-6	Benzyl alcohol	620	2000		U
111-91-1	bis(2-Chloroethoxy)methane	620	2000		U
111-44-4	bis(2-Chloroethyl)ether	620	2000		U
108-60-1	bis(2-Chloroisopropyl)ether	620	2000		U
117-81-7	Bis(2-ethylhexyl)phthalate	620	2000		U
101-55-3	4-Bromophenyl-phenylether	620	2000		U
85-68-7	Butylbenzylphthalate	620	2000		U
106-47-8	4-Chloroaniline	620	2000		U
510-15-6	Chlorobenzilate	620	2000		U
59-50-7	4-Chloro-3-methylphenol	620	2000		U
91-58-7	2-Chloronaphthalene	620	2000		U
95-57-8	2-Chlorophenol	620	2000		U
7005-72-3	4-Chlorophenyl-phenylether	620	2000		U
218-01-9	Chrysene	250	2000		U
2303-16-4	Diallate	620	2000		U
53-70-3	Dibenz(a,h)anthracene	250	2000		U
132-64-9	Dibenzofuran	620	2000		U
91-94-1	3,3'-Dichlorobenzidine	920	2000		U
106-46-7	1,4-Dichlorobenzene	620	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-39

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105639

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	620	2000		U
541-73-1	1,3-Dichlorobenzene	620	2000		U
120-83-2	2,4-Dichlorophenol	620	2000		U
87-65-0	2,6-Dichlorophenol	620	2000		U
84-66-2	Diethylphthalate	620	2000		U
60-51-5	Dimethoate	620	2000		U
60-11-7	p-(Dimethylamino)azobenzene	620	2000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	620	2000		U
119-93-7	3,3'-Dimethylbenzidine	620	2000		U
122-09-8	a,a-Dimethyl-phenethylamine	620	2000		U
105-67-9	2,4-Dimethylphenol	620	8200		U
131-11-3	Dimethylphthalate	620	2000		U
84-74-2	Di-n-butylphthalate	620	2000		U
99-65-0	m-Dinitrobenzene	620	2000		U
534-52-1	4,6-Dinitro-2-methylphenol	620	8200		U
51-28-5	2,4-Dinitrophenol	620	20000		U
121-14-2	2,4-Dinitrotoluene	620	2000		U
606-20-2	2,6-Dinitrotoluene	620	2000		U
88-85-7	Dinoseb	620	2000		U
117-84-0	Di-n-octylphthalate	620	2000		U
122-39-4	Diphenylamine	620	2000		U
298-04-4	Disulfoton	620	2000		U
62-50-0	Ethyl methanesulfonate	620	2000		U
52-85-7	Famphur	620	2000		U
206-44-0	Fluoranthene	250	2000		U
86-73-7	Fluorene	250	2000		U
118-74-1	Hexachlorobenzene	620	2000		U
87-68-3	Hexachlorobutadiene	620	2000		U
77-47-4	Hexachlorocyclopentadiene	620	2000		U
67-72-1	Hexachloroethane	620	2000		U
70-30-4	Hexachlorophene	620	4100		U
1888-71-7	Hexachloropropene	620	2000		U
193-39-5	Indeno(1,2,3-cd)pyrene	250	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-39

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105639

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	620	2000		U
78-59-1	Isophorone	620	2000		U
120-58-1	Isosafrole	620	2000		U
143-50-0	Kepone	620	2000		U
91-80-5	Methapyrilene	620	2000		U
56-49-5	3-Methylcholanthrene	620	2000		U
66-27-3	Methyl methanesulfonate	620	2000		U
91-57-6	2-Methylnaphthalene	250	2000		U
298-00-0	Methyl parathion	620	2000		U
106-44-5	4-Methylphenol	620	2000		U
91-20-3	Naphthalene	250	2000		U
95-48-7	2-Methylphenol	620	2000		U
108-39-4	3-Methylphenol	620	2000		U
130-15-4	1,4-Naphthoquinone	620	2000		U
134-32-7	1-Naphthylamine	620	2000		U
91-59-8	2-Naphthylamine	620	2000		U
88-74-4	2-Nitroaniline	620	8200		U
99-09-2	3-Nitroaniline	620	8200		U
100-01-6	4-Nitroaniline	620	8200		U
98-95-3	Nitrobenzene	620	2000		U
88-75-5	2-Nitrophenol	620	2000		U
100-02-7	4-Nitrophenol	620	8200		U
56-57-5	4-Nitroquinoline-1-oxide	620	2000		U
924-16-3	N-Nitrosodi-n-butylamine	620	2000		U
55-18-5	N-Nitrosodiethylamine	620	2000		U
62-75-9	N-Nitroso-di-methylamine	620	2000		U
86-30-6	N-Nitrosodiphenylamine (1)	620	2000		U
621-64-7	N-Nitroso-di-n-propylamine	620	2000		U
10595-95-6	N-Nitrosomethylethylamine	620	2000		U
59-89-2	N-Nitrosomorpholine	620	2000		U
100-75-4	N-Nitrosopiperidine	620	2000		U
930-55-2	N-Nitrosopyrrolidine	620	2000		U
99-55-8	5-Nitro-o-toluidine	620	2000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-39

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105639

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 15:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	620	2000		U
608-93-5	Pentachlorobenzene	620	2000		U
76-01-7	Pentachloroethane	620	2000		U
82-68-8	Pentachloronitrobenzene	620	2000		U
87-86-5	Pentachlorophenol	620	8200		U
62-44-2	Phenacetin	620	2000		U
85-01-8	Phenanthrene	250	2000		U
108-95-2	Phenol	620	2000		U
106-50-3	p-Phenylenediamine	620	2000		U
298-02-2	Phorate	620	2000		U
109-06-8	2-Picoline	620	2000		U
23950-58-5	Pronamide	620	2000		U
129-00-0	Pyrene	250	2000		U
110-86-1	Pyridine	620	8200		U
94-59-7	Safrole	620	2000		U
3689-24-5	Sulfotepp	620	2000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	620	2000		U
58-90-2	2,3,4,6-Tetrachlorophenol	620	2000		U
297-97-2	Thionazin	620	2000		U
95-53-4	o-Toluidine	620	2000		U
120-82-1	1,2,4-Trichlorobenzene	620	2000		U
95-95-4	2,4,5-Trichlorophenol	620	2000		U
88-06-2	2,4,6-Trichlorophenol	620	2000		U
126-68-1	O,O,O-Triethylphosphorothioa	620	2000		U
99-35-4	sym-Trinitrobenzene	620	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-34

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105634

% Moisture: 83 decanted: (Y/N) N Date Sampled: 11/06/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 12:25

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
83-32-9	Acenaphthene	230	1900		U
208-96-8	Acenaphthylene	230	1900		U
98-86-2	Acetophenone	580	1900		U
53-96-3	2-Acetylaminofluorene	580	1900		U
92-67-1	4-Aminobiphenyl	580	1900		U
62-53-3	Aniline	580	1900		U
140-57-8	Aramite	580	1900		U
120-12-7	Anthracene	230	1900		U
65-85-0	Benzoic acid	580	7700		U
56-55-3	Benzo(a)anthracene	230	1900		U
205-99-2	Benzo(b)fluoranthene	230	1900		U
207-08-9	Benzo(k)fluoranthene	230	1900		U
191-24-2	Benzo(g,h,i)perylene	230	1900		U
50-32-8	Benzo(a)pyrene	230	1900		U
100-51-6	Benzyl alcohol	580	1900		U
111-91-1	bis(2-Chloroethoxy)methane	580	1900		U
111-44-4	bis(2-Chloroethyl)ether	580	1900		U
108-60-1	bis(2-Chloroisopropyl)ether	580	1900		U
117-81-7	Bis(2-ethylhexyl)phthalate	580	1900		U
101-55-3	4-Bromophenyl-phenylether	580	1900		U
85-68-7	Butylbenzylphthalate	580	1900		U
106-47-8	4-Chloroaniline	580	1900		U
510-15-6	Chlorobenzilate	580	1900		U
59-50-7	4-Chloro-3-methylphenol	580	1900		U
91-58-7	2-Chloronaphthalene	580	1900		U
95-57-8	2-Chlorophenol	580	1900		U
7005-72-3	4-Chlorophenyl-phenylether	580	1900		U
218-01-9	Chrysene	230	1900		U
2303-16-4	Diallate	580	1900		U
53-70-3	Dibenz(a,h)anthracene	230	1900		U
132-64-9	Dibenzofuran	580	1900		U
91-94-1	3,3'-Dichlorobenzidine	860	1900		U
106-46-7	1,4-Dichlorobenzene	580	1900		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-34

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105634

% Moisture: 83 decanted: (Y/N) N Date Sampled: 11/06/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 12:25

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	580	1900		U
541-73-1	1,3-Dichlorobenzene	580	1900		U
120-83-2	2,4-Dichlorophenol	580	1900		U
87-65-0	2,6-Dichlorophenol	580	1900		U
84-66-2	Diethylphthalate	580	1900		U
60-51-5	Dimethoate	580	1900		U
60-11-7	p-(Dimethylamino)azobenzene	580	1900		U
57-97-6	7,12-Dimethylbenz[a]anthrace	580	1900		U
119-93-7	3,3'-Dimethylbenzidine	580	1900		U
122-09-8	a,a-Dimethyl-phenethylamine	580	1900		U
105-67-9	2,4-Dimethylphenol	580	7700		U
131-11-3	Dimethylphthalate	580	1900		U
84-74-2	Di-n-butylphthalate	580	1900		U
99-65-0	m-Dinitrobenzene	580	1900		U
534-52-1	4,6-Dinitro-2-methylphenol	580	7700		U
51-28-5	2,4-Dinitrophenol	580	19000		U
121-14-2	2,4-Dinitrotoluene	580	1900		U
606-20-2	2,6-Dinitrotoluene	580	1900		U
88-85-7	Dinoseb	580	1900		U
117-84-0	Di-n-octylphthalate	580	1900		U
122-39-4	Diphenylamine	580	1900		U
298-04-4	Disulfoton	580	1900		U
62-50-0	Ethyl methanesulfonate	580	1900		U
52-85-7	Famphur	580	1900		U
206-44-0	Fluoranthene	230	1900		U
86-73-7	Fluorene	230	1900		U
118-74-1	Hexachlorobenzene	580	1900		U
87-68-3	Hexachlorobutadiene	580	1900		U
77-47-4	Hexachlorocyclopentadiene	580	1900		U
67-72-1	Hexachloroethane	580	1900		U
70-30-4	Hexachlorophene	580	3800		U
1888-71-7	Hexachloropropene	580	1900		U
193-39-5	Indeno(1,2,3-cd)pyrene	230	1900		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-34

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105634

% Moisture: 83 decanted: (Y/N) N Date Sampled: 11/06/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 12:25

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	580	1900		U
78-59-1	Isophorone	580	1900		U
120-58-1	Isosafrole	580	1900		U
143-50-0	Kepone	580	1900		U
91-80-5	Methapyrilene	580	1900		U
56-49-5	3-Methylcholanthrene	580	1900		U
66-27-3	Methyl methanesulfonate	580	1900		U
91-57-6	2-Methylnaphthalene	230	1900		U
298-00-0	Methyl parathion	580	1900		U
106-44-5	4-Methylphenol	580	1900		U
91-20-3	Naphthalene	230	1900		U
95-48-7	2-Methylphenol	580	1900		U
108-39-4	3-Methylphenol	580	1900		U
130-15-4	1,4-Naphthoquinone	580	1900		U
134-32-7	1-Naphthylamine	580	1900		U
91-59-8	2-Naphthylamine	580	1900		U
88-74-4	2-Nitroaniline	580	7700		U
99-09-2	3-Nitroaniline	580	7700		U
100-01-6	4-Nitroaniline	580	7700		U
98-95-3	Nitrobenzene	580	1900		U
88-75-5	2-Nitrophenol	580	1900		U
100-02-7	4-Nitrophenol	580	7700		U
56-57-5	4-Nitroquinoline-1-oxide	580	1900		U
924-16-3	N-Nitrosodi-n-butylamine	580	1900		U
55-18-5	N-Nitrosodiethylamine	580	1900		U
62-75-9	N-Nitroso-di-methylamine	580	1900		U
86-30-6	N-Nitrosodiphenylamine (1)	580	1900		U
621-64-7	N-Nitroso-di-n-propylamine	580	1900		U
10595-95-6	N-Nitrosomethylethylamine	580	1900		U
59-89-2	N-Nitrosomorpholine	580	1900		U
100-75-4	N-Nitrosopiperidine	580	1900		U
930-55-2	N-Nitrosopyrrolidine	580	1900		U
99-55-8	5-Nitro-o-toluidine	580	1900		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-34

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1105634

% Moisture: 83 decanted: (Y/N) N Date Sampled: 11/06/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 12:25

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	580	1900		U
608-93-5	Pentachlorobenzene	580	1900		U
76-01-7	Pentachloroethane	580	1900		U
82-68-8	Pentachloronitrobenzene	580	1900		U
87-86-5	Pentachlorophenol	580	7700		U
62-44-2	Phenacetin	580	1900		U
85-01-8	Phenanthrene	230	1900		U
108-95-2	Phenol	580	1900		U
106-50-3	p-Phenylenediamine	580	1900		U
298-02-2	Phorate	580	1900		U
109-06-8	2-Picoline	580	1900		U
23950-58-5	Pronamide	580	1900		U
129-00-0	Pyrene	230	1900		U
110-86-1	Pyridine	580	7700		U
94-59-7	Safrole	580	1900		U
3689-24-5	Sulfotepp	580	1900		U
95-94-3	1,2,4,5-Tetrachlorobenzene	580	1900		U
58-90-2	2,3,4,6-Tetrachlorophenol	580	1900		U
297-97-2	Thionazin	580	1900		U
95-53-4	o-Toluidine	580	1900		U
120-82-1	1,2,4-Trichlorobenzene	580	1900		U
95-95-4	2,4,5-Trichlorophenol	580	1900		U
88-06-2	2,4,6-Trichlorophenol	580	1900		U
126-68-1	O,O,O-Triethylphosphorothioa	580	1900		U
99-35-4	sym-Trinitrobenzene	580	1900		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-35

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105635

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 10:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:00

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	240	2000		U
208-96-8	Acenaphthylene	240	2000		U
98-86-2	Acetophenone	590	2000		U
53-96-3	2-Acetylaminofluorene	590	2000		U
92-67-1	4-Aminobiphenyl	590	2000		U
62-53-3	Aniline	590	2000		U
140-57-8	Aramite	590	2000		U
120-12-7	Anthracene	240	2000		U
65-85-0	Benzoic acid	590	7900		U
56-55-3	Benzo(a)anthracene	240	2000		U
205-99-2	Benzo(b)fluoranthene	240	2000		U
207-08-9	Benzo(k)fluoranthene	240	2000		U
191-24-2	Benzo(g,h,i)perylene	240	2000		U
50-32-8	Benzo(a)pyrene	240	2000		U
100-51-6	Benzyl alcohol	590	2000		U
111-91-1	bis(2-Chloroethoxy)methane	590	2000		U
111-44-4	bis(2-Chloroethyl)ether	590	2000		U
108-60-1	bis(2-Chloroisopropyl)ether	590	2000		U
117-81-7	Bis(2-ethylhexyl)phthalate	590	2000		U
101-55-3	4-Bromophenyl-phenylether	590	2000		U
85-68-7	Butylbenzylphthalate	590	2000		U
106-47-8	4-Chloroaniline	590	2000		U
510-15-6	Chlorobenzilate	590	2000		U
59-50-7	4-Chloro-3-methylphenol	590	2000		U
91-58-7	2-Chloronaphthalene	590	2000		U
95-57-8	2-Chlorophenol	590	2000		U
7005-72-3	4-Chlorophenyl-phenylether	590	2000		U
218-01-9	Chrysene	240	2000		U
2303-16-4	Diallate	590	2000		U
53-70-3	Dibenz(a,h)anthracene	240	2000		U
132-64-9	Dibenzofuran	590	2000		U
91-94-1	3,3'-Dichlorobenzidine	890	2000		U
106-46-7	1,4-Dichlorobenzene	590	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-35

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105635

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 10:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:00

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	590	2000		U
541-73-1	1,3-Dichlorobenzene	590	2000		U
120-83-2	2,4-Dichlorophenol	590	2000		U
87-65-0	2,6-Dichlorophenol	590	2000		U
84-66-2	Diethylphthalate	590	2000		U
60-51-5	Dimethoate	590	2000		U
60-11-7	p-(Dimethylamino)azobenzene	590	2000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	590	2000		U
119-93-7	3,3'-Dimethylbenzidine	590	2000		U
122-09-8	a,a-Dimethyl-phenethylamine	590	2000		U
105-67-9	2,4-Dimethylphenol	590	7900		U
131-11-3	Dimethylphthalate	590	2000		U
84-74-2	Di-n-butylphthalate	590	2000		U
99-65-0	m-Dinitrobenzene	590	2000		U
534-52-1	4,6-Dinitro-2-methylphenol	590	7900		U
51-28-5	2,4-Dinitrophenol	590	20000		U
121-14-2	2,4-Dinitrotoluene	590	2000		U
606-20-2	2,6-Dinitrotoluene	590	2000		U
88-85-7	Dinoseb	590	2000		U
117-84-0	Di-n-octylphthalate	590	2000		U
122-39-4	Diphenylamine	590	2000		U
298-04-4	Disulfoton	590	2000		U
62-50-0	Ethyl methanesulfonate	590	2000		U
52-85-7	Famphur	590	2000		U
206-44-0	Fluoranthene	240	2000		U
86-73-7	Fluorene	240	2000		U
118-74-1	Hexachlorobenzene	590	2000		U
87-68-3	Hexachlorobutadiene	590	2000		U
77-47-4	Hexachlorocyclopentadiene	590	2000		U
67-72-1	Hexachloroethane	590	2000		U
70-30-4	Hexachlorophene	590	4000		U
1888-71-7	Hexachloropropene	590	2000		U
193-39-5	Indeno(1,2,3-cd)pyrene	240	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-35

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105635

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 10:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:00

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	590	2000		U
78-59-1	Isophorone	590	2000		U
120-58-1	Isosafrole	590	2000		U
143-50-0	Kepone	590	2000		U
91-80-5	Methapyrilene	590	2000		U
56-49-5	3-Methylcholanthrene	590	2000		U
66-27-3	Methyl methanesulfonate	590	2000		U
91-57-6	2-Methylnaphthalene	240	2000		U
298-00-0	Methyl parathion	590	2000		U
106-44-5	4-Methylphenol	590	2000		U
91-20-3	Naphthalene	240	2000		U
95-48-7	2-Methylphenol	590	2000		U
108-39-4	3-Methylphenol	590	2000		U
130-15-4	1,4-Naphthoquinone	590	2000		U
134-32-7	1-Naphthylamine	590	2000		U
91-59-8	2-Naphthylamine	590	2000		U
88-74-4	2-Nitroaniline	590	7900		U
99-09-2	3-Nitroaniline	590	7900		U
100-01-6	4-Nitroaniline	590	7900		U
98-95-3	Nitrobenzene	590	2000		U
88-75-5	2-Nitrophenol	590	2000		U
100-02-7	4-Nitrophenol	590	7900		U
56-57-5	4-Nitroquinoline-1-oxide	590	2000		U
924-16-3	N-Nitrosodi-n-butylamine	590	2000		U
55-18-5	N-Nitrosodiethylamine	590	2000		U
62-75-9	N-Nitroso-di-methylamine	590	2000		U
86-30-6	N-Nitrosodiphenylamine (1)	590	2000		U
621-64-7	N-Nitroso-di-n-propylamine	590	2000		U
10595-95-6	N-Nitrosomethylethylamine	590	2000		U
59-89-2	N-Nitrosomorpholine	590	2000		U
100-75-4	N-Nitrosopiperidine	590	2000		U
930-55-2	N-Nitrosopyrrolidine	590	2000		U
99-55-8	5-Nitro-o-toluidine	590	2000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-35

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105635

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 10:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:00

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	590	2000		U
608-93-5	Pentachlorobenzene	590	2000		U
76-01-7	Pentachloroethane	590	2000		U
82-68-8	Pentachloronitrobenzene	590	2000		U
87-86-5	Pentachlorophenol	590	7900		U
62-44-2	Phenacetin	590	2000		U
85-01-8	Phenanthrene	240	2000		U
108-95-2	Phenol	590	2000		U
106-50-3	p-Phenylenediamine	590	2000		U
298-02-2	Phorate	590	2000		U
109-06-8	2-Picoline	590	2000		U
23950-58-5	Pronamide	590	2000		U
129-00-0	Pyrene	240	2000		U
110-86-1	Pyridine	590	7900		U
94-59-7	Safrole	590	2000		U
3689-24-5	Sulfotepp	590	2000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	590	2000		U
58-90-2	2,3,4,6-Tetrachlorophenol	590	2000		U
297-97-2	Thionazin	590	2000		U
95-53-4	o-Toluidine	590	2000		U
120-82-1	1,2,4-Trichlorobenzene	590	2000		U
95-95-4	2,4,5-Trichlorophenol	590	2000		U
88-06-2	2,4,6-Trichlorophenol	590	2000		U
126-68-1	O,O,O-Triethylphosphorothioa	590	2000		U
99-35-4	sym-Trinitrobenzene	590	2000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-36

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105636

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/06/06 13:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	120	970		U
208-96-8	Acenaphthylene	120	970		U
98-86-2	Acetophenone	290	970		U
53-96-3	2-Acetylaminofluorene	290	970		U
92-67-1	4-Aminobiphenyl	290	970		U
62-53-3	Aniline	290	970		U
140-57-8	Aramite	290	970		U
120-12-7	Anthracene	120	970		U
65-85-0	Benzoic acid	290	3900		U
56-55-3	Benzo(a)anthracene	120	970		U
205-99-2	Benzo(b)fluoranthene	120	970		U
207-08-9	Benzo(k)fluoranthene	120	970		U
191-24-2	Benzo(g,h,i)perylene	120	970		U
50-32-8	Benzo(a)pyrene	120	970		U
100-51-6	Benzyl alcohol	290	970		U
111-91-1	bis(2-Chloroethoxy)methane	290	970		U
111-44-4	bis(2-Chloroethyl)ether	290	970		U
108-60-1	bis(2-Chloroisopropyl)ether	290	970		U
117-81-7	Bis(2-ethylhexyl)phthalate	290	970		U
101-55-3	4-Bromophenyl-phenylether	290	970		U
85-68-7	Butylbenzylphthalate	290	970		U
106-47-8	4-Chloroaniline	290	970		U
510-15-6	Chlorobenzilate	290	970		U
59-50-7	4-Chloro-3-methylphenol	290	970		U
91-58-7	2-Chloronaphthalene	290	970		U
95-57-8	2-Chlorophenol	290	970		U
7005-72-3	4-Chlorophenyl-phenylether	290	970		U
218-01-9	Chrysene	120	970		U
2303-16-4	Diallate	290	970		U
53-70-3	Dibenz(a,h)anthracene	120	970		U
132-64-9	Dibenzofuran	290	970		U
91-94-1	3,3'-Dichlorobenzidine	440	970		U
106-46-7	1,4-Dichlorobenzene	290	970		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-36

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105636

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/06/06 13:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	290	970		U
541-73-1	1,3-Dichlorobenzene	290	970		U
120-83-2	2,4-Dichlorophenol	290	970		U
87-65-0	2,6-Dichlorophenol	290	970		U
84-66-2	Diethylphthalate	290	970		U
60-51-5	Dimethoate	290	970		U
60-11-7	p-(Dimethylamino)azobenzene	290	970		U
57-97-6	7,12-Dimethylbenz[a]anthrace	290	970		U
119-93-7	3,3'-Dimethylbenzidine	290	970		U
122-09-8	a,a-Dimethyl-phenethylamine	290	970		U
105-67-9	2,4-Dimethylphenol	290	3900		U
131-11-3	Dimethylphthalate	290	970		U
84-74-2	Di-n-butylphthalate	290	970		U
99-65-0	m-Dinitrobenzene	290	970		U
534-52-1	4,6-Dinitro-2-methylphenol	290	3900		U
51-28-5	2,4-Dinitrophenol	290	9700		U
121-14-2	2,4-Dinitrotoluene	290	970		U
606-20-2	2,6-Dinitrotoluene	290	970		U
88-85-7	Dinoseb	290	970		U
117-84-0	Di-n-octylphthalate	290	970		U
122-39-4	Diphenylamine	290	970		U
298-04-4	Disulfoton	290	970		U
62-50-0	Ethyl methanesulfonate	290	970		U
52-85-7	Famphur	290	970		U
206-44-0	Fluoranthene	120	970		U
86-73-7	Fluorene	120	970		U
118-74-1	Hexachlorobenzene	290	970		U
87-68-3	Hexachlorobutadiene	290	970		U
77-47-4	Hexachlorocyclopentadiene	290	970		U
67-72-1	Hexachloroethane	290	970		U
70-30-4	Hexachlorophene	290	1900		U
1888-71-7	Hexachloropropene	290	970		U
193-39-5	Indeno(1,2,3-cd)pyrene	120	970		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-36

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105636

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/06/06 13:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	290	970		U
78-59-1	Isophorone	290	970		U
120-58-1	Isosafrole	290	970		U
143-50-0	Kepone	290	970		U
91-80-5	Methapyrilene	290	970		U
56-49-5	3-Methylcholanthrene	290	970		U
66-27-3	Methyl methanesulfonate	290	970		U
91-57-6	2-Methylnaphthalene	120	970		U
298-00-0	Methyl parathion	290	970		U
106-44-5	4-Methylphenol	290	970		U
91-20-3	Naphthalene	120	970		U
95-48-7	2-Methylphenol	290	970		U
108-39-4	3-Methylphenol	290	970		U
130-15-4	1,4-Naphthoquinone	290	970		U
134-32-7	1-Naphthylamine	290	970		U
91-59-8	2-Naphthylamine	290	970		U
88-74-4	2-Nitroaniline	290	3900		U
99-09-2	3-Nitroaniline	290	3900		U
100-01-6	4-Nitroaniline	290	3900		U
98-95-3	Nitrobenzene	290	970		U
88-75-5	2-Nitrophenol	290	970		U
100-02-7	4-Nitrophenol	290	3900		U
56-57-5	4-Nitroquinoline-1-oxide	290	970		U
924-16-3	N-Nitrosodi-n-butylamine	290	970		U
55-18-5	N-Nitrosodiethylamine	290	970		U
62-75-9	N-Nitroso-di-methylamine	290	970		U
86-30-6	N-Nitrosodiphenylamine (1)	290	970		U
621-64-7	N-Nitroso-di-n-propylamine	290	970		U
10595-95-6	N-Nitrosomethylethylamine	290	970		U
59-89-2	N-Nitrosomorpholine	290	970		U
100-75-4	N-Nitrosopiperidine	290	970		U
930-55-2	N-Nitrosopyrrolidine	290	970		U
99-55-8	5-Nitro-o-toluidine	290	970		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-36

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105636

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/06/06 13:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 13:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	290	970		U
608-93-5	Pentachlorobenzene	290	970		U
76-01-7	Pentachloroethane	290	970		U
82-68-8	Pentachloronitrobenzene	290	970		U
87-86-5	Pentachlorophenol	290	3900		U
62-44-2	Phenacetin	290	970		U
85-01-8	Phenanthrene	120	970		U
108-95-2	Phenol	290	970		U
106-50-3	p-Phenylenediamine	290	970		U
298-02-2	Phorate	290	970		U
109-06-8	2-Picoline	290	970		U
23950-58-5	Pronamide	290	970		U
129-00-0	Pyrene	120	970		U
110-86-1	Pyridine	290	3900		U
94-59-7	Safrole	290	970		U
3689-24-5	Sulfotepp	290	970		U
95-94-3	1,2,4,5-Tetrachlorobenzene	290	970		U
58-90-2	2,3,4,6-Tetrachlorophenol	290	970		U
297-97-2	Thionazin	290	970		U
95-53-4	o-Toluidine	290	970		U
120-82-1	1,2,4-Trichlorobenzene	290	970		U
95-95-4	2,4,5-Trichlorophenol	290	970		U
88-06-2	2,4,6-Trichlorophenol	290	970		U
126-68-1	O,O,O-Triethylphosphorothioa	290	970		U
99-35-4	sym-Trinitrobenzene	290	970		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-37

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105637

% Moisture: 56 decanted: (Y/N) N Date Sampled: 11/06/06 14:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	89	740		U
208-96-8	Acenaphthylene	89	740		U
98-86-2	Acetophenone	220	740		U
53-96-3	2-Acetylaminofluorene	220	740		U
92-67-1	4-Aminobiphenyl	220	740		U
62-53-3	Aniline	220	740		U
140-57-8	Aramite	220	740		U
120-12-7	Anthracene	89	740		U
65-85-0	Benzoic acid	220	3000		U
56-55-3	Benzo(a)anthracene	89	740		U
205-99-2	Benzo(b)fluoranthene	89	740		U
207-08-9	Benzo(k)fluoranthene	89	740		U
191-24-2	Benzo(g,h,i)perylene	89	740		U
50-32-8	Benzo(a)pyrene	89	740		U
100-51-6	Benzyl alcohol	220	740		U
111-91-1	bis(2-Chloroethoxy)methane	220	740		U
111-44-4	bis(2-Chloroethyl)ether	220	740		U
108-60-1	bis(2-Chloroisopropyl)ether	220	740		U
117-81-7	Bis(2-ethylhexyl)phthalate	220	740		U
101-55-3	4-Bromophenyl-phenylether	220	740		U
85-68-7	Butylbenzylphthalate	220	740		U
106-47-8	4-Chloroaniline	220	740		U
510-15-6	Chlorobenzilate	220	740		U
59-50-7	4-Chloro-3-methylphenol	220	740		U
91-58-7	2-Chloronaphthalene	220	740		U
95-57-8	2-Chlorophenol	220	740		U
7005-72-3	4-Chlorophenyl-phenylether	220	740		U
218-01-9	Chrysene	89	740		U
2303-16-4	Diallate	220	740		U
53-70-3	Dibenz(a,h)anthracene	89	740		U
132-64-9	Dibenzofuran	220	740		U
91-94-1	3,3'-Dichlorobenzidine	340	740		U
106-46-7	1,4-Dichlorobenzene	220	740		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-37

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105637

% Moisture: 56 decanted: (Y/N) N Date Sampled: 11/06/06 14:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	220	740		U
541-73-1	1,3-Dichlorobenzene	220	740		U
120-83-2	2,4-Dichlorophenol	220	740		U
87-65-0	2,6-Dichlorophenol	220	740		U
84-66-2	Diethylphthalate	220	740		U
60-51-5	Dimethoate	220	740		U
60-11-7	p-(Dimethylamino)azobenzene	220	740		U
57-97-6	7,12-Dimethylbenz[a]anthrace	220	740		U
119-93-7	3,3'-Dimethylbenzidine	220	740		U
122-09-8	a,a-Dimethyl-phenethylamine	220	740		U
105-67-9	2,4-Dimethylphenol	220	3000		U
131-11-3	Dimethylphthalate	220	740		U
84-74-2	Di-n-butylphthalate	220	740		U
99-65-0	m-Dinitrobenzene	220	740		U
534-52-1	4,6-Dinitro-2-methylphenol	220	3000		U
51-28-5	2,4-Dinitrophenol	220	7400		U
121-14-2	2,4-Dinitrotoluene	220	740		U
606-20-2	2,6-Dinitrotoluene	220	740		U
88-85-7	Dinoseb	220	740		U
117-84-0	Di-n-octylphthalate	220	740		U
122-39-4	Diphenylamine	220	740		U
298-04-4	Disulfoton	220	740		U
62-50-0	Ethyl methanesulfonate	220	740		U
52-85-7	Famphur	220	740		U
206-44-0	Fluoranthene	89	740		U
86-73-7	Fluorene	89	740		U
118-74-1	Hexachlorobenzene	220	740		U
87-68-3	Hexachlorobutadiene	220	740		U
77-47-4	Hexachlorocyclopentadiene	220	740		U
67-72-1	Hexachloroethane	220	740		U
70-30-4	Hexachlorophene	220	1500		U
1888-71-7	Hexachloropropene	220	740		U
193-39-5	Indeno(1,2,3-cd)pyrene	89	740		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-37

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105637

% Moisture: 56 decanted: (Y/N) N Date Sampled: 11/06/06 14:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	220	740		U
78-59-1	Isophorone	220	740		U
120-58-1	Isosafrole	220	740		U
143-50-0	Kepone	220	740		U
91-80-5	Methapyrilene	220	740		U
56-49-5	3-Methylcholanthrene	220	740		U
66-27-3	Methyl methanesulfonate	220	740		U
91-57-6	2-Methylnaphthalene	89	740		U
298-00-0	Methyl parathion	220	740		U
106-44-5	4-Methylphenol	220	740		U
91-20-3	Naphthalene	89	740		U
95-48-7	2-Methylphenol	220	740		U
108-39-4	3-Methylphenol	220	740		U
130-15-4	1,4-Naphthoquinone	220	740		U
134-32-7	1-Naphthylamine	220	740		U
91-59-8	2-Naphthylamine	220	740		U
88-74-4	2-Nitroaniline	220	3000		U
99-09-2	3-Nitroaniline	220	3000		U
100-01-6	4-Nitroaniline	220	3000		U
98-95-3	Nitrobenzene	220	740		U
88-75-5	2-Nitrophenol	220	740		U
100-02-7	4-Nitrophenol	220	3000		U
56-57-5	4-Nitroquinoline-1-oxide	220	740		U
924-16-3	N-Nitrosodi-n-butylamine	220	740		U
55-18-5	N-Nitrosodiethylamine	220	740		U
62-75-9	N-Nitroso-di-methylamine	220	740		U
86-30-6	N-Nitrosodiphenylamine (1)	220	740		U
621-64-7	N-Nitroso-di-n-propylamine	220	740		U
10595-95-6	N-Nitrosomethylethylamine	220	740		U
59-89-2	N-Nitrosomorpholine	220	740		U
100-75-4	N-Nitrosopiperidine	220	740		U
930-55-2	N-Nitrosopyrrolidine	220	740		U
99-55-8	5-Nitro-o-toluidine	220	740		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-37

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1105637

% Moisture: 56 decanted: (Y/N) N Date Sampled: 11/06/06 14:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	220	740		U
608-93-5	Pentachlorobenzene	220	740		U
76-01-7	Pentachloroethane	220	740		U
82-68-8	Pentachloronitrobenzene	220	740		U
87-86-5	Pentachlorophenol	220	3000		U
62-44-2	Phenacetin	220	740		U
85-01-8	Phenanthrene	89	740		U
108-95-2	Phenol	220	740		U
106-50-3	p-Phenylenediamine	220	740		U
298-02-2	Phorate	220	740		U
109-06-8	2-Picoline	220	740		U
23950-58-5	Pronamide	220	740		U
129-00-0	Pyrene	89	740		U
110-86-1	Pyridine	220	3000		U
94-59-7	Safrole	220	740		U
3689-24-5	Sulfotepp	220	740		U
95-94-3	1,2,4,5-Tetrachlorobenzene	220	740		U
58-90-2	2,3,4,6-Tetrachlorophenol	220	740		U
297-97-2	Thionazin	220	740		U
95-53-4	o-Toluidine	220	740		U
120-82-1	1,2,4-Trichlorobenzene	220	740		U
95-95-4	2,4,5-Trichlorophenol	220	740		U
88-06-2	2,4,6-Trichlorophenol	220	740		U
126-68-1	O,O,O-Triethylphosphorothioa	220	740		U
99-35-4	sym-Trinitrobenzene	220	740		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-38

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105638

% Moisture: 51 decanted: (Y/N) N Date Sampled: 11/06/06 15:03

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
83-32-9	Acenaphthene	79	660		U
208-96-8	Acenaphthylene	79	660		U
98-86-2	Acetophenone	200	660		U
53-96-3	2-Acetylaminofluorene	200	660		U
92-67-1	4-Aminobiphenyl	200	660		U
62-53-3	Aniline	200	660		U
140-57-8	Aramite	200	660		U
120-12-7	Anthracene	79	660		U
65-85-0	Benzoic acid	200	2600		U
56-55-3	Benzo(a)anthracene	79	660		U
205-99-2	Benzo(b)fluoranthene	79	660		U
207-08-9	Benzo(k)fluoranthene	79	660		U
191-24-2	Benzo(g,h,i)perylene	79	660		U
50-32-8	Benzo(a)pyrene	79	660		U
100-51-6	Benzyl alcohol	200	660		U
111-91-1	bis(2-Chloroethoxy)methane	200	660		U
111-44-4	bis(2-Chloroethyl)ether	200	660		U
108-60-1	bis(2-Chloroisopropyl)ether	200	660		U
117-81-7	Bis(2-ethylhexyl)phthalate	200	660		U
101-55-3	4-Bromophenyl-phenylether	200	660		U
85-68-7	Butylbenzylphthalate	200	660		U
106-47-8	4-Chloroaniline	200	660		U
510-15-6	Chlorobenzilate	200	660		U
59-50-7	4-Chloro-3-methylphenol	200	660		U
91-58-7	2-Chloronaphthalene	200	660		U
95-57-8	2-Chlorophenol	200	660		U
7005-72-3	4-Chlorophenyl-phenylether	200	660		U
218-01-9	Chrysene	79	660		U
2303-16-4	Diallate	200	660		U
53-70-3	Dibenz(a,h)anthracene	79	660		U
132-64-9	Dibenzofuran	200	660		U
91-94-1	3,3'-Dichlorobenzidine	300	660		U
106-46-7	1,4-Dichlorobenzene	200	660		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-38

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105638

% Moisture: 51 decanted: (Y/N) N Date Sampled: 11/06/06 15:03

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	200	660		U
541-73-1	1,3-Dichlorobenzene	200	660		U
120-83-2	2,4-Dichlorophenol	200	660		U
87-65-0	2,6-Dichlorophenol	200	660		U
84-66-2	Diethylphthalate	200	660		U
60-51-5	Dimethoate	200	660		U
60-11-7	p-(Dimethylamino)azobenzene	200	660		U
57-97-6	7,12-Dimethylbenz[a]anthrace	200	660		U
119-93-7	3,3'-Dimethylbenzidine	200	660		U
122-09-8	a,a-Dimethyl-phenethylamine	200	660		U
105-67-9	2,4-Dimethylphenol	200	2600		U
131-11-3	Dimethylphthalate	200	660		U
84-74-2	Di-n-butylphthalate	200	660		U
99-65-0	m-Dinitrobenzene	200	660		U
534-52-1	4,6-Dinitro-2-methylphenol	200	2600		U
51-28-5	2,4-Dinitrophenol	200	6600		U
121-14-2	2,4-Dinitrotoluene	200	660		U
606-20-2	2,6-Dinitrotoluene	200	660		U
88-85-7	Dinoseb	200	660		U
117-84-0	Di-n-octylphthalate	200	660		U
122-39-4	Diphenylamine	200	660		U
298-04-4	Disulfoton	200	660		U
62-50-0	Ethyl methanesulfonate	200	660		U
52-85-7	Famphur	200	660		U
206-44-0	Fluoranthene	79	660		U
86-73-7	Fluorene	79	660		U
118-74-1	Hexachlorobenzene	200	660		U
87-68-3	Hexachlorobutadiene	200	660		U
77-47-4	Hexachlorocyclopentadiene	200	660		U
67-72-1	Hexachloroethane	200	660		U
70-30-4	Hexachlorophene	200	1300		U
1888-71-7	Hexachloropropene	200	660		U
193-39-5	Indeno(1,2,3-cd)pyrene	79	660		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-38

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105638

% Moisture: 51 decanted: (Y/N) N Date Sampled: 11/06/06 15:03

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
465-73-6	Isodrin	200	660		U
78-59-1	Isophorone	200	660		U
120-58-1	Isosafrole	200	660		U
143-50-0	Kepone	200	660		U
91-80-5	Methapyrilene	200	660		U
56-49-5	3-Methylcholanthrene	200	660		U
66-27-3	Methyl methanesulfonate	200	660		U
91-57-6	2-Methylnaphthalene	79	660		U
298-00-0	Methyl parathion	200	660		U
106-44-5	4-Methylphenol	200	660		U
91-20-3	Naphthalene	79	660		U
95-48-7	2-Methylphenol	200	660		U
108-39-4	3-Methylphenol	200	660		U
130-15-4	1,4-Naphthoquinone	200	660		U
134-32-7	1-Naphthylamine	200	660		U
91-59-8	2-Naphthylamine	200	660		U
88-74-4	2-Nitroaniline	200	2600		U
99-09-2	3-Nitroaniline	200	2600		U
100-01-6	4-Nitroaniline	200	2600		U
98-95-3	Nitrobenzene	200	660		U
88-75-5	2-Nitrophenol	200	660		U
100-02-7	4-Nitrophenol	200	2600		U
56-57-5	4-Nitroquinoline-1-oxide	200	660		U
924-16-3	N-Nitrosodi-n-butylamine	200	660		U
55-18-5	N-Nitrosodiethylamine	200	660		U
62-75-9	N-Nitroso-di-methylamine	200	660		U
86-30-6	N-Nitrosodiphenylamine (1)	200	660		U
621-64-7	N-Nitroso-di-n-propylamine	200	660		U
10595-95-6	N-Nitrosomethylethylamine	200	660		U
59-89-2	N-Nitrosomorpholine	200	660		U
100-75-4	N-Nitrosopiperidine	200	660		U
930-55-2	N-Nitrosopyrrolidine	200	660		U
99-55-8	5-Nitro-o-toluidine	200	660		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-38

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1105638

% Moisture: 51 decanted: (Y/N) N Date Sampled: 11/06/06 15:03

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 14:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	200	660		U
608-93-5	Pentachlorobenzene	200	660		U
76-01-7	Pentachloroethane	200	660		U
82-68-8	Pentachloronitrobenzene	200	660		U
87-86-5	Pentachlorophenol	200	2600		U
62-44-2	Phenacetin	200	660		U
85-01-8	Phenanthrene	79	660		U
108-95-2	Phenol	200	660		U
106-50-3	p-Phenylenediamine	200	660		U
298-02-2	Phorate	200	660		U
109-06-8	2-Picoline	200	660		U
23950-58-5	Pronamide	200	660		U
129-00-0	Pyrene	79	660		U
110-86-1	Pyridine	200	2600		U
94-59-7	Safrole	200	660		U
3689-24-5	Sulfotepp	200	660		U
95-94-3	1,2,4,5-Tetrachlorobenzene	200	660		U
58-90-2	2,3,4,6-Tetrachlorophenol	200	660		U
297-97-2	Thionazin	200	660		U
95-53-4	o-Toluidine	200	660		U
120-82-1	1,2,4-Trichlorobenzene	200	660		U
95-95-4	2,4,5-Trichlorophenol	200	660		U
88-06-2	2,4,6-Trichlorophenol	200	660		U
126-68-1	O,O,O-Triethylphosphorothioa	200	660		U
99-35-4	sym-Trinitrobenzene	200	660		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 032F3201

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 02:26

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.3	4.0		U
319-84-6	Alpha-BHC	1.3	4.0		U
319-85-7	Beta-BHC	1.3	4.0	3.9	JP
72-54-8	4,4'-DDD	2.0	8.0	36	Y
72-55-9	4,4'-DDE	2.0	8.0	37	Y
50-29-3	4,4'-DDT	2.0	8.0	21	Y
319-86-8	Delta-BHC	1.3	4.0		U
60-57-1	Dieldrin	2.0	8.0		UY
959-98-8	Endosulfan I	1.3	4.0		UY
33213-65-9	Endosulfan II	2.0	8.0	12	PY
1031-07-8	Endosulfan Sulfate	2.0	8.0	4.1	JY
72-20-8	Endrin	2.0	8.0	7.6	JY
7421-93-4	Endrin Aldehyde	2.0	8.0	2.3	JPMY
58-89-9	Gamma-BHC	1.3	4.0		U
76-44-8	Heptachlor	1.3	4.0		U
1024-57-3	Heptachlor Epoxide	1.3	4.0	7.9	P
72-43-5	Methoxychlor	1.3	4.0	43	PMY
8001-35-2	Toxaphene	130	400		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040602DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-10DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 026F2601

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 06:23

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	13	40		UD
319-84-6	Alpha-BHC	13	40		UD
319-85-7	Beta-BHC	13	40		UD
72-54-8	4,4'-DDD	20	80	36	JD
72-55-9	4,4'-DDE	20	80	37	JD
50-29-3	4,4'-DDT	20	80		UD
319-86-8	Delta-BHC	13	40		UD
60-57-1	Dieldrin	20	80		UD
959-98-8	Endosulfan I	13	40		UD
33213-65-9	Endosulfan II	20	80		UD
1031-07-8	Endosulfan Sulfate	20	80		UD
72-20-8	Endrin	20	80		UD
7421-93-4	Endrin Aldehyde	20	80		UD
58-89-9	Gamma-BHC	13	40		UD
76-44-8	Heptachlor	13	40		UD
1024-57-3	Heptachlor Epoxide	13	40		UD
72-43-5	Methoxychlor	13	40	52	PDM
8001-35-2	Toxaphene	1300	4000		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 022F2201

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/27/06 21:40

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	0.39	1.2		U
319-84-6	Alpha-BHC	0.39	1.2	15	
319-85-7	Beta-BHC	0.39	1.2	6.2	
72-54-8	4,4'-DDD	0.58	2.3	90	
72-55-9	4,4'-DDE	0.58	2.3	270	E
50-29-3	4,4'-DDT	0.58	2.3	40	Y
319-86-8	Delta-BHC	0.39	1.2	0.86	J
60-57-1	Dieldrin	0.58	2.3		U
959-98-8	Endosulfan I	0.39	1.2	0.43	JPM
33213-65-9	Endosulfan II	0.58	2.3	3.6	P
1031-07-8	Endosulfan Sulfate	0.58	2.3	4.4	P
72-20-8	Endrin	0.58	2.3	4.2	PM
7421-93-4	Endrin Aldehyde	0.58	2.3		U
58-89-9	Gamma-BHC	0.39	1.2	4.0	
76-44-8	Heptachlor	0.39	1.2		U
1024-57-3	Heptachlor Epoxide	0.39	1.2		U
72-43-5	Methoxychlor	0.39	1.2	4.6	PMY
8001-35-2	Toxaphene	39	120		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-01DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 017F1701

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/03/06 13:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 02:05

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
309-00-2	Aldrin	3.9	12		UD
319-84-6	Alpha-BHC	3.9	12	15	DX
319-85-7	Beta-BHC	3.9	12	7.5	JD
72-54-8	4,4'-DDD	5.8	23	74	D
72-55-9	4,4'-DDE	5.8	23	250	D
50-29-3	4,4'-DDT	5.8	23	33	D
319-86-8	Delta-BHC	3.9	12		UD
60-57-1	Dieldrin	5.8	23		UD
959-98-8	Endosulfan I	3.9	12		UD
33213-65-9	Endosulfan II	5.8	23		UD
1031-07-8	Endosulfan Sulfate	5.8	23		UD
72-20-8	Endrin	5.8	23		UD
7421-93-4	Endrin Aldehyde	5.8	23		UD
58-89-9	Gamma-BHC	3.9	12		UD
76-44-8	Heptachlor	3.9	12		UD
1024-57-3	Heptachlor Epoxide	3.9	12		UD
72-43-5	Methoxychlor	3.9	12	5.5	JPDM
8001-35-2	Toxaphene	390	1200		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 023F2301

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/27/06 22:08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.29	0.89		U
319-84-6	Alpha-BHC	0.29	0.89	0.49	J
319-85-7	Beta-BHC	0.29	0.89	7.5	
72-54-8	4,4'-DDD	0.44	1.8	18	
72-55-9	4,4'-DDE	0.44	1.8	310	E
50-29-3	4,4'-DDT	0.44	1.8	42	Y
319-86-8	Delta-BHC	0.29	0.89	0.59	J
60-57-1	Dieldrin	0.44	1.8		U
959-98-8	Endosulfan I	0.29	0.89	1.6	
33213-65-9	Endosulfan II	0.44	1.8	3.1	PM
1031-07-8	Endosulfan Sulfate	0.44	1.8	16	
72-20-8	Endrin	0.44	1.8	5.6	PM
7421-93-4	Endrin Aldehyde	0.44	1.8	16	P
58-89-9	Gamma-BHC	0.29	0.89	1.1	
76-44-8	Heptachlor	0.29	0.89		U
1024-57-3	Heptachlor Epoxide	0.29	0.89		U
72-43-5	Methoxychlor	0.29	0.89	6.3	PMY
8001-35-2	Toxaphene	29	89		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-02DL

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 018F1801

% Moisture: 27 decanted: (Y/N) N Date Sampled: 11/03/06 14:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 02:34

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
309-00-2	Aldrin	2.9	8.9		UD
319-84-6	Alpha-BHC	2.9	8.9		UD
319-85-7	Beta-BHC	2.9	8.9	12	PD
72-54-8	4,4'-DDD	4.4	18	19	D
72-55-9	4,4'-DDE	4.4	18	310	D
50-29-3	4,4'-DDT	4.4	18	40	D
319-86-8	Delta-BHC	2.9	8.9		UD
60-57-1	Dieldrin	4.4	18		UD
959-98-8	Endosulfan I	2.9	8.9		UD
33213-65-9	Endosulfan II	4.4	18		UD
1031-07-8	Endosulfan Sulfate	4.4	18	22	D
72-20-8	Endrin	4.4	18	22	PD
7421-93-4	Endrin Aldehyde	4.4	18	22	PD
58-89-9	Gamma-BHC	2.9	8.9		UD
76-44-8	Heptachlor	2.9	8.9		UD
1024-57-3	Heptachlor Epoxide	2.9	8.9		UD
72-43-5	Methoxychlor	2.9	8.9	15	PDM
8001-35-2	Toxaphene	290	890		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 024F2401

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/27/06 22:37

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.56	1.7		U
319-84-6	Alpha-BHC	0.56	1.7		U
319-85-7	Beta-BHC	0.56	1.7	1.7	
72-54-8	4,4'-DDD	0.84	3.4	6.6	
72-55-9	4,4'-DDE	0.84	3.4	43	
50-29-3	4,4'-DDT	0.84	3.4	7.7	Y
319-86-8	Delta-BHC	0.56	1.7		U
60-57-1	Dieldrin	0.84	3.4		U
959-98-8	Endosulfan I	0.56	1.7		U
33213-65-9	Endosulfan II	0.84	3.4		U
1031-07-8	Endosulfan Sulfate	0.84	3.4		U
72-20-8	Endrin	0.84	3.4	4.4	
7421-93-4	Endrin Aldehyde	0.84	3.4		U
58-89-9	Gamma-BHC	0.56	1.7		U
76-44-8	Heptachlor	0.56	1.7		U
1024-57-3	Heptachlor Epoxide	0.56	1.7		U
72-43-5	Methoxychlor	0.56	1.7	1.6	JPMY
8001-35-2	Toxaphene	56	170		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-03DL

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 019F1901

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/03/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 03:02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	5.6	17		UD
319-84-6	Alpha-BHC	5.6	17		UD
319-85-7	Beta-BHC	5.6	17		UD
72-54-8	4,4'-DDD	8.4	34		UD
72-55-9	4,4'-DDE	8.4	34	38	D
50-29-3	4,4'-DDT	8.4	34		UD
319-86-8	Delta-BHC	5.6	17		UD
60-57-1	Dieldrin	8.4	34		UD
959-98-8	Endosulfan I	5.6	17		UD
33213-65-9	Endosulfan II	8.4	34		UD
1031-07-8	Endosulfan Sulfate	8.4	34		UD
72-20-8	Endrin	8.4	34		UD
7421-93-4	Endrin Aldehyde	8.4	34		UD
58-89-9	Gamma-BHC	5.6	17		UD
76-44-8	Heptachlor	5.6	17		UD
1024-57-3	Heptachlor Epoxide	5.6	17		UD
72-43-5	Methoxychlor	5.6	17		UD
8001-35-2	Toxaphene	560	1700		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 025F2501

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/27/06 23:06

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	2.0	6.0		U
319-84-6	Alpha-BHC	2.0	6.0		U
319-85-7	Beta-BHC	2.0	6.0		U
72-54-8	4,4'-DDD	3.0	12	7.9	J
72-55-9	4,4'-DDE	3.0	12	26	
50-29-3	4,4'-DDT	3.0	12	11	JY
319-86-8	Delta-BHC	2.0	6.0		U
60-57-1	Dieldrin	3.0	12		U
959-98-8	Endosulfan I	2.0	6.0		U
33213-65-9	Endosulfan II	3.0	12	6.3	J
1031-07-8	Endosulfan Sulfate	3.0	12		U
72-20-8	Endrin	3.0	12		U
7421-93-4	Endrin Aldehyde	3.0	12		U
58-89-9	Gamma-BHC	2.0	6.0		U
76-44-8	Heptachlor	2.0	6.0		U
1024-57-3	Heptachlor Epoxide	2.0	6.0	2.1	JPM
72-43-5	Methoxychlor	2.0	6.0	41	PMY
8001-35-2	Toxaphene	200	600		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-04-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-04DL

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 020F2001

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/03/06 16:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 03:31

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	20	60		UD
319-84-6	Alpha-BHC	20	60		UD
319-85-7	Beta-BHC	20	60		UD
72-54-8	4,4'-DDD	30	120		UD
72-55-9	4,4'-DDE	30	120		UD
50-29-3	4,4'-DDT	30	120		UD
319-86-8	Delta-BHC	20	60		UD
60-57-1	Dieldrin	30	120		UD
959-98-8	Endosulfan I	20	60		UD
33213-65-9	Endosulfan II	30	120		UD
1031-07-8	Endosulfan Sulfate	30	120		UD
72-20-8	Endrin	30	120		UD
7421-93-4	Endrin Aldehyde	30	120		UD
58-89-9	Gamma-BHC	20	60		UD
76-44-8	Heptachlor	20	60		UD
1024-57-3	Heptachlor Epoxide	20	60		UD
72-43-5	Methoxychlor	20	60	53	JPD
8001-35-2	Toxaphene	2000	6000		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 026F2601

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/27/06 23:34

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.7	5.3		U
319-84-6	Alpha-BHC	1.7	5.3		U
319-85-7	Beta-BHC	1.7	5.3		U
72-54-8	4,4'-DDD	2.6	10	24	
72-55-9	4,4'-DDE	2.6	10	36	
50-29-3	4,4'-DDT	2.6	10	22	Y
319-86-8	Delta-BHC	1.7	5.3		U
60-57-1	Dieldrin	2.6	10		U
959-98-8	Endosulfan I	1.7	5.3		U
33213-65-9	Endosulfan II	2.6	10	13	
1031-07-8	Endosulfan Sulfate	2.6	10		U
72-20-8	Endrin	2.6	10		U
7421-93-4	Endrin Aldehyde	2.6	10		U
58-89-9	Gamma-BHC	1.7	5.3		U
76-44-8	Heptachlor	1.7	5.3		U
1024-57-3	Heptachlor Epoxide	1.7	5.3	2.5	JPM
72-43-5	Methoxychlor	1.7	5.3	73	Y
8001-35-2	Toxaphene	170	530		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-05-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-05DL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 021F2101

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/03/06 16:53

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 03:59

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	17	53		UD
319-84-6	Alpha-BHC	17	53		UD
319-85-7	Beta-BHC	17	53		UD
72-54-8	4,4'-DDD	26	100		UD
72-55-9	4,4'-DDE	26	100		UD
50-29-3	4,4'-DDT	26	100		UD
319-86-8	Delta-BHC	17	53		UD
60-57-1	Dieldrin	26	100		UD
959-98-8	Endosulfan I	17	53		UD
33213-65-9	Endosulfan II	26	100		UD
1031-07-8	Endosulfan Sulfate	26	100		UD
72-20-8	Endrin	26	100		UD
7421-93-4	Endrin Aldehyde	26	100		UD
58-89-9	Gamma-BHC	17	53		UD
76-44-8	Heptachlor	17	53		UD
1024-57-3	Heptachlor Epoxide	17	53		UD
72-43-5	Methoxychlor	17	53	46	JD
8001-35-2	Toxaphene	1700	5300		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 027F2701

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 00:03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	2.0	6.1		U
319-84-6	Alpha-BHC	2.0	6.1		U
319-85-7	Beta-BHC	2.0	6.1	7.2	P
72-54-8	4,4'-DDD	3.0	12	27	
72-55-9	4,4'-DDE	3.0	12	25	
50-29-3	4,4'-DDT	3.0	12	14	Y
319-86-8	Delta-BHC	2.0	6.1		U
60-57-1	Dieldrin	3.0	12		U
959-98-8	Endosulfan I	2.0	6.1		U
33213-65-9	Endosulfan II	3.0	12	12	JP
1031-07-8	Endosulfan Sulfate	3.0	12		U
72-20-8	Endrin	3.0	12		U
7421-93-4	Endrin Aldehyde	3.0	12	3.9	JPM
58-89-9	Gamma-BHC	2.0	6.1		U
76-44-8	Heptachlor	2.0	6.1		U
1024-57-3	Heptachlor Epoxide	2.0	6.1		U
72-43-5	Methoxychlor	2.0	6.1	20	PMY
8001-35-2	Toxaphene	200	610		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-06-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-06DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 022F2201

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/04/06 12:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 04:28

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	20	61		UD
319-84-6	Alpha-BHC	20	61		UD
319-85-7	Beta-BHC	20	61		UD
72-54-8	4,4'-DDD	30	120		UD
72-55-9	4,4'-DDE	30	120		UD
50-29-3	4,4'-DDT	30	120		UD
319-86-8	Delta-BHC	20	61		UD
60-57-1	Dieldrin	30	120		UD
959-98-8	Endosulfan I	20	61		UD
33213-65-9	Endosulfan II	30	120		UD
1031-07-8	Endosulfan Sulfate	30	120		UD
72-20-8	Endrin	30	120		UD
7421-93-4	Endrin Aldehyde	30	120		UD
58-89-9	Gamma-BHC	20	61		UD
76-44-8	Heptachlor	20	61		UD
1024-57-3	Heptachlor Epoxide	20	61		UD
72-43-5	Methoxychlor	20	61		UD
8001-35-2	Toxaphene	2000	6100		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 028F2801

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 00:32

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.8	5.6		U
319-84-6	Alpha-BHC	1.8	5.6		U
319-85-7	Beta-BHC	1.8	5.6		U
72-54-8	4,4'-DDD	2.8	11	5.5	J
72-55-9	4,4'-DDE	2.8	11	7.2	J
50-29-3	4,4'-DDT	2.8	11		UY
319-86-8	Delta-BHC	1.8	5.6		U
60-57-1	Dieldrin	2.8	11		U
959-98-8	Endosulfan I	1.8	5.6		U
33213-65-9	Endosulfan II	2.8	11	3.4	J
1031-07-8	Endosulfan Sulfate	2.8	11		U
72-20-8	Endrin	2.8	11		U
7421-93-4	Endrin Aldehyde	2.8	11		U
58-89-9	Gamma-BHC	1.8	5.6		U
76-44-8	Heptachlor	1.8	5.6		U
1024-57-3	Heptachlor Epoxide	1.8	5.6	5.0	JP
72-43-5	Methoxychlor	1.8	5.6	44	PY
8001-35-2	Toxaphene	180	560		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-07DL

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 023F2301

% Moisture: 88 decanted: (Y/N) N Date Sampled: 11/04/06 11:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 04:57

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	18	56		UD
319-84-6	Alpha-BHC	18	56		UD
319-85-7	Beta-BHC	18	56		UD
72-54-8	4,4'-DDD	28	110		UD
72-55-9	4,4'-DDE	28	110		UD
50-29-3	4,4'-DDT	28	110		UD
319-86-8	Delta-BHC	18	56		UD
60-57-1	Dieldrin	28	110		UD
959-98-8	Endosulfan I	18	56		UD
33213-65-9	Endosulfan II	28	110		UD
1031-07-8	Endosulfan Sulfate	28	110		UD
72-20-8	Endrin	28	110		UD
7421-93-4	Endrin Aldehyde	28	110		UD
58-89-9	Gamma-BHC	18	56		UD
76-44-8	Heptachlor	18	56		UD
1024-57-3	Heptachlor Epoxide	18	56		UD
72-43-5	Methoxychlor	18	56		UD
8001-35-2	Toxaphene	1800	5600		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 029F2901

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 01:00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.2	3.8		U
319-84-6	Alpha-BHC	1.2	3.8	8.6	
319-85-7	Beta-BHC	1.2	3.8	180	P
72-54-8	4,4'-DDD	1.9	7.5	23	PM
72-55-9	4,4'-DDE	1.9	7.5	29	
50-29-3	4,4'-DDT	1.9	7.5	39	PMY
319-86-8	Delta-BHC	1.2	3.8	42	
60-57-1	Dieldrin	1.9	7.5	19	PM
959-98-8	Endosulfan I	1.2	3.8		U
33213-65-9	Endosulfan II	1.9	7.5	51	PM
1031-07-8	Endosulfan Sulfate	1.9	7.5		U
72-20-8	Endrin	1.9	7.5		U
7421-93-4	Endrin Aldehyde	1.9	7.5	26	PM
58-89-9	Gamma-BHC	1.2	3.8	54	P
76-44-8	Heptachlor	1.2	3.8		U
1024-57-3	Heptachlor Epoxide	1.2	3.8	13	
72-43-5	Methoxychlor	1.2	3.8	180	PMY
8001-35-2	Toxaphene	10000	10000		UI

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-08-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-08DL

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 024F2401

% Moisture: 82 decanted: (Y/N) N Date Sampled: 11/04/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 05:25

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	12	38	48	PD
319-84-6	Alpha-BHC	12	38		UD
319-85-7	Beta-BHC	12	38	140	D
72-54-8	4,4'-DDD	19	75	19	JPDM
72-55-9	4,4'-DDE	19	75		UD
50-29-3	4,4'-DDT	19	75	160	PD
319-86-8	Delta-BHC	12	38	35	JD
60-57-1	Dieldrin	19	75		UD
959-98-8	Endosulfan I	12	38		UD
33213-65-9	Endosulfan II	19	75	430	D
1031-07-8	Endosulfan Sulfate	19	75	53	JPDM
72-20-8	Endrin	19	75	100	PDM
7421-93-4	Endrin Aldehyde	19	75		UD
58-89-9	Gamma-BHC	12	38	42	D
76-44-8	Heptachlor	12	38		UD
1024-57-3	Heptachlor Epoxide	12	38	34	JPD
72-43-5	Methoxychlor	12	38	420	PDM
8001-35-2	Toxaphene	8800	8800		UI

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 030F3001

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 01:29

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.3	3.9		U
319-84-6	Alpha-BHC	1.3	3.9		U
319-85-7	Beta-BHC	1.3	3.9	9.9	P
72-54-8	4,4'-DDD	2.0	7.8	41	
72-55-9	4,4'-DDE	2.0	7.8	47	
50-29-3	4,4'-DDT	2.0	7.8	52	Y
319-86-8	Delta-BHC	1.3	3.9		U
60-57-1	Dieldrin	2.0	7.8		U
959-98-8	Endosulfan I	1.3	3.9	3.3	JP
33213-65-9	Endosulfan II	2.0	7.8	8.5	PM
1031-07-8	Endosulfan Sulfate	2.0	7.8	5.1	JPM
72-20-8	Endrin	2.0	7.8	8.8	
7421-93-4	Endrin Aldehyde	2.0	7.8		U
58-89-9	Gamma-BHC	1.3	3.9	1.8	JPM
76-44-8	Heptachlor	1.3	3.9		U
1024-57-3	Heptachlor Epoxide	1.3	3.9	2.5	JPM
72-43-5	Methoxychlor	1.3	3.9	53	PMY
8001-35-2	Toxaphene	130	390		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-09DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 025F2501

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/04/06 09:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 05:54

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	13	39		UD
319-84-6	Alpha-BHC	13	39		UD
319-85-7	Beta-BHC	13	39		UD
72-54-8	4,4'-DDD	20	78	42	JD
72-55-9	4,4'-DDE	20	78	43	JD
50-29-3	4,4'-DDT	20	78	50	JD
319-86-8	Delta-BHC	13	39		UD
60-57-1	Dieldrin	20	78		UD
959-98-8	Endosulfan I	13	39		UD
33213-65-9	Endosulfan II	20	78		UD
1031-07-8	Endosulfan Sulfate	20	78		UD
72-20-8	Endrin	20	78		UD
7421-93-4	Endrin Aldehyde	20	78		UD
58-89-9	Gamma-BHC	13	39		UD
76-44-8	Heptachlor	13	39		UD
1024-57-3	Heptachlor Epoxide	13	39		UD
72-43-5	Methoxychlor	13	39	47	PDM
8001-35-2	Toxaphene	1300	3900		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-33

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 048F4801

% Moisture: 28 decanted: (Y/N) N Date Sampled: 11/05/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 14:48

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.30	0.90		U
319-84-6	Alpha-BHC	0.30	0.90		U
319-85-7	Beta-BHC	0.30	0.90		U
72-54-8	4,4'-DDD	0.45	1.8	3.2	
72-55-9	4,4'-DDE	0.45	1.8	120	
50-29-3	4,4'-DDT	0.45	1.8	4.8	BX
319-86-8	Delta-BHC	0.30	0.90		U
60-57-1	Dieldrin	0.45	1.8	0.58	JPM
959-98-8	Endosulfan I	0.30	0.90		U
33213-65-9	Endosulfan II	0.45	1.8		U
1031-07-8	Endosulfan Sulfate	0.45	1.8		U
72-20-8	Endrin	0.45	1.8		U
7421-93-4	Endrin Aldehyde	0.45	1.8	1.4	JP
58-89-9	Gamma-BHC	0.30	0.90		U
76-44-8	Heptachlor	0.30	0.90		U
1024-57-3	Heptachlor Epoxide	0.30	0.90		U
72-43-5	Methoxychlor	0.30	0.90	0.84	JPMX
8001-35-2	Toxaphene	30	90		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 033F3301

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 02:55

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.31	0.95		U
319-84-6	Alpha-BHC	0.31	0.95		U
319-85-7	Beta-BHC	0.31	0.95		U
72-54-8	4,4'-DDD	0.47	1.9	4.4	Y
72-55-9	4,4'-DDE	0.47	1.9	64	Y
50-29-3	4,4'-DDT	0.47	1.9	4.9	Y
319-86-8	Delta-BHC	0.31	0.95		U
60-57-1	Dieldrin	0.47	1.9		UY
959-98-8	Endosulfan I	0.31	0.95		UY
33213-65-9	Endosulfan II	0.47	1.9	5.7	PY
1031-07-8	Endosulfan Sulfate	0.47	1.9		UY
72-20-8	Endrin	0.47	1.9		UY
7421-93-4	Endrin Aldehyde	0.47	1.9	18	PY
58-89-9	Gamma-BHC	0.31	0.95		U
76-44-8	Heptachlor	0.31	0.95		U
1024-57-3	Heptachlor Epoxide	0.31	0.95		U
72-43-5	Methoxychlor	0.31	0.95	4.2	PMY
8001-35-2	Toxaphene	31	95		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-11DL

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 028F2801

% Moisture: 33 decanted: (Y/N) N Date Sampled: 11/04/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 07:20

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	3.1	9.5		UD
319-84-6	Alpha-BHC	3.1	9.5		UD
319-85-7	Beta-BHC	3.1	9.5		UD
72-54-8	4,4'-DDD	4.7	19		UD
72-55-9	4,4'-DDE	4.7	19	50	DX
50-29-3	4,4'-DDT	4.7	19		UD
319-86-8	Delta-BHC	3.1	9.5		UD
60-57-1	Dieldrin	4.7	19		UD
959-98-8	Endosulfan I	3.1	9.5		UD
33213-65-9	Endosulfan II	4.7	19		UD
1031-07-8	Endosulfan Sulfate	4.7	19		UD
72-20-8	Endrin	4.7	19		UD
7421-93-4	Endrin Aldehyde	4.7	19		UD
58-89-9	Gamma-BHC	3.1	9.5		UD
76-44-8	Heptachlor	3.1	9.5		UD
1024-57-3	Heptachlor Epoxide	3.1	9.5		UD
72-43-5	Methoxychlor	3.1	9.5		UD
8001-35-2	Toxaphene	310	950		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 034F3401

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 03:23

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.27	0.81		U
319-84-6	Alpha-BHC	0.27	0.81		U
319-85-7	Beta-BHC	0.27	0.81		U
72-54-8	4,4'-DDD	0.40	1.6	11	Y
72-55-9	4,4'-DDE	0.40	1.6	14	Y
50-29-3	4,4'-DDT	0.40	1.6	27	Y
319-86-8	Delta-BHC	0.27	0.81		U
60-57-1	Dieldrin	0.40	1.6		UY
959-98-8	Endosulfan I	0.27	0.81		UY
33213-65-9	Endosulfan II	0.40	1.6		UY
1031-07-8	Endosulfan Sulfate	0.40	1.6		UY
72-20-8	Endrin	0.40	1.6		UY
7421-93-4	Endrin Aldehyde	0.40	1.6	0.91	JY
58-89-9	Gamma-BHC	0.27	0.81		U
76-44-8	Heptachlor	0.27	0.81		U
1024-57-3	Heptachlor Epoxide	0.27	0.81		U
72-43-5	Methoxychlor	0.27	0.81	0.86	PMY
8001-35-2	Toxaphene	27	81		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-12DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 029F2901

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/04/06 15:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 07:48

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	2.7	8.1		UD
319-84-6	Alpha-BHC	2.7	8.1		UD
319-85-7	Beta-BHC	2.7	8.1		UD
72-54-8	4,4'-DDD	4.0	16	9.8	JDX
72-55-9	4,4'-DDE	4.0	16	12	JDX
50-29-3	4,4'-DDT	4.0	16	28	DX
319-86-8	Delta-BHC	2.7	8.1		UD
60-57-1	Dieldrin	4.0	16		UD
959-98-8	Endosulfan I	2.7	8.1		UD
33213-65-9	Endosulfan II	4.0	16		UD
1031-07-8	Endosulfan Sulfate	4.0	16		UD
72-20-8	Endrin	4.0	16		UD
7421-93-4	Endrin Aldehyde	4.0	16		UD
58-89-9	Gamma-BHC	2.7	8.1		UD
76-44-8	Heptachlor	2.7	8.1		UD
1024-57-3	Heptachlor Epoxide	2.7	8.1		UD
72-43-5	Methoxychlor	2.7	8.1		UD
8001-35-2	Toxaphene	270	810		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 035F3501

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 03:52

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.33	1.00		U
319-84-6	Alpha-BHC	0.33	1.00		U
319-85-7	Beta-BHC	0.33	1.00	1.1	PY
72-54-8	4,4'-DDD	0.50	2.0	21	Y
72-55-9	4,4'-DDE	0.50	2.0	240	EY
50-29-3	4,4'-DDT	0.50	2.0	44	Y
319-86-8	Delta-BHC	0.33	1.00		U
60-57-1	Dieldrin	0.50	2.0	5.7	PMY
959-98-8	Endosulfan I	0.33	1.00	1.2	Y
33213-65-9	Endosulfan II	0.50	2.0	1.1	JPMY
1031-07-8	Endosulfan Sulfate	0.50	2.0		UY
72-20-8	Endrin	0.50	2.0	1.0	JPMY
7421-93-4	Endrin Aldehyde	0.50	2.0	14	PY
58-89-9	Gamma-BHC	0.33	1.00		U
76-44-8	Heptachlor	0.33	1.00		U
1024-57-3	Heptachlor Epoxide	0.33	1.00		U
72-43-5	Methoxychlor	0.33	1.00	7.2	PMY
8001-35-2	Toxaphene	33	100		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-13DL

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 030F3001

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/04/06 15:38

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 08:17

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	3.3	10		UD
319-84-6	Alpha-BHC	3.3	10		UD
319-85-7	Beta-BHC	3.3	10		UD
72-54-8	4,4'-DDD	5.0	20	15	JDX
72-55-9	4,4'-DDE	5.0	20	190	DX
50-29-3	4,4'-DDT	5.0	20	30	DX
319-86-8	Delta-BHC	3.3	10		UD
60-57-1	Dieldrin	5.0	20		UD
959-98-8	Endosulfan I	3.3	10		UD
33213-65-9	Endosulfan II	5.0	20		UD
1031-07-8	Endosulfan Sulfate	5.0	20		UD
72-20-8	Endrin	5.0	20		UD
7421-93-4	Endrin Aldehyde	5.0	20	12	JPD
58-89-9	Gamma-BHC	3.3	10		UD
76-44-8	Heptachlor	3.3	10		UD
1024-57-3	Heptachlor Epoxide	3.3	10		UD
72-43-5	Methoxychlor	3.3	10	3.9	JPDMX
8001-35-2	Toxaphene	330	1000		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 036F3601

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 04:20

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.80		U
319-84-6	Alpha-BHC	0.26	0.80		U
319-85-7	Beta-BHC	0.26	0.80	0.67	J
72-54-8	4,4'-DDD	0.40	1.6	31	Y
72-55-9	4,4'-DDE	0.40	1.6	82	Y
50-29-3	4,4'-DDT	0.40	1.6	38	Y
319-86-8	Delta-BHC	0.26	0.80		U
60-57-1	Dieldrin	0.40	1.6		UY
959-98-8	Endosulfan I	0.26	0.80	0.49	JPY
33213-65-9	Endosulfan II	0.40	1.6	1.2	JPY
1031-07-8	Endosulfan Sulfate	0.40	1.6	1.1	JPY
72-20-8	Endrin	0.40	1.6	0.85	JPMY
7421-93-4	Endrin Aldehyde	0.40	1.6	1.1	JPMY
58-89-9	Gamma-BHC	0.26	0.80		U
76-44-8	Heptachlor	0.26	0.80		U
1024-57-3	Heptachlor Epoxide	0.26	0.80		U
72-43-5	Methoxychlor	0.26	0.80		UY
8001-35-2	Toxaphene	26	80		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-04-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-14DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 031F3101

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/04/06 15:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 08:46

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	2.6	8.0		UD
319-84-6	Alpha-BHC	2.6	8.0		UD
319-85-7	Beta-BHC	2.6	8.0		UD
72-54-8	4,4'-DDD	4.0	16	27	D
72-55-9	4,4'-DDE	4.0	16	71	DX
50-29-3	4,4'-DDT	4.0	16	31	DX
319-86-8	Delta-BHC	2.6	8.0		UD
60-57-1	Dieldrin	4.0	16		UD
959-98-8	Endosulfan I	2.6	8.0		UD
33213-65-9	Endosulfan II	4.0	16		UD
1031-07-8	Endosulfan Sulfate	4.0	16		UD
72-20-8	Endrin	4.0	16		UD
7421-93-4	Endrin Aldehyde	4.0	16		UD
58-89-9	Gamma-BHC	2.6	8.0		UD
76-44-8	Heptachlor	2.6	8.0		UD
1024-57-3	Heptachlor Epoxide	2.6	8.0		UD
72-43-5	Methoxychlor	2.6	8.0		UD
8001-35-2	Toxaphene	260	800		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 037F3701

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 04:49

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.33	1.0		U
319-84-6	Alpha-BHC	0.33	1.0		U
319-85-7	Beta-BHC	0.33	1.0		U
72-54-8	4,4'-DDD	0.50	2.0	3.0	Y
72-55-9	4,4'-DDE	0.50	2.0	3.4	Y
50-29-3	4,4'-DDT	0.50	2.0	3.5	Y
319-86-8	Delta-BHC	0.33	1.0		U
60-57-1	Dieldrin	0.50	2.0		UY
959-98-8	Endosulfan I	0.33	1.0	0.41	JY
33213-65-9	Endosulfan II	0.50	2.0	3.3	PY
1031-07-8	Endosulfan Sulfate	0.50	2.0	0.81	JY
72-20-8	Endrin	0.50	2.0	1.3	JPY
7421-93-4	Endrin Aldehyde	0.50	2.0	3.9	PY
58-89-9	Gamma-BHC	0.33	1.0		U
76-44-8	Heptachlor	0.33	1.0		U
1024-57-3	Heptachlor Epoxide	0.33	1.0		U
72-43-5	Methoxychlor	0.33	1.0	1.5	PMY
8001-35-2	Toxaphene	33	100		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-05-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-15DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 032F3201

% Moisture: 35 decanted: (Y/N) N Date Sampled: 11/04/06 16:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 09:14

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
309-00-2	Aldrin	3.3	10		UD
319-84-6	Alpha-BHC	3.3	10		UD
319-85-7	Beta-BHC	3.3	10		UD
72-54-8	4,4'-DDD	5.0	20		UD
72-55-9	4,4'-DDE	5.0	20		UD
50-29-3	4,4'-DDT	5.0	20		UD
319-86-8	Delta-BHC	3.3	10		UD
60-57-1	Dieldrin	5.0	20		UD
959-98-8	Endosulfan I	3.3	10		UD
33213-65-9	Endosulfan II	5.0	20		UD
1031-07-8	Endosulfan Sulfate	5.0	20		UD
72-20-8	Endrin	5.0	20		UD
7421-93-4	Endrin Aldehyde	5.0	20		UD
58-89-9	Gamma-BHC	3.3	10		UD
76-44-8	Heptachlor	3.3	10		UD
1024-57-3	Heptachlor Epoxide	3.3	10		UD
72-43-5	Methoxychlor	3.3	10		UD
8001-35-2	Toxaphene	330	1000		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 040F4001

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 06:15

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.80		U
319-84-6	Alpha-BHC	0.26	0.80		U
319-85-7	Beta-BHC	0.26	0.80		U
72-54-8	4,4'-DDD	0.40	1.6	1.8	Y
72-55-9	4,4'-DDE	0.40	1.6	4.2	Y
50-29-3	4,4'-DDT	0.40	1.6	0.57	JPMYB
319-86-8	Delta-BHC	0.26	0.80		U
60-57-1	Dieldrin	0.40	1.6		UY
959-98-8	Endosulfan I	0.26	0.80		UY
33213-65-9	Endosulfan II	0.40	1.6		UY
1031-07-8	Endosulfan Sulfate	0.40	1.6	1.2	JPY
72-20-8	Endrin	0.40	1.6	0.79	JY
7421-93-4	Endrin Aldehyde	0.40	1.6	0.52	JPMY
58-89-9	Gamma-BHC	0.26	0.80		U
76-44-8	Heptachlor	0.26	0.80		U
1024-57-3	Heptachlor Epoxide	0.26	0.80		U
72-43-5	Methoxychlor	0.26	0.80	0.86	PMY
8001-35-2	Toxaphene	26	80		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-06-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-16DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 035F3501

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 08:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 10:40

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	2.6	8.0		UD
319-84-6	Alpha-BHC	2.6	8.0		UD
319-85-7	Beta-BHC	2.6	8.0		UD
72-54-8	4,4'-DDD	4.0	16		UD
72-55-9	4,4'-DDE	4.0	16	5.0	JDX
50-29-3	4,4'-DDT	4.0	16	5.5	JDBX
319-86-8	Delta-BHC	2.6	8.0		UD
60-57-1	Dieldrin	4.0	16		UD
959-98-8	Endosulfan I	2.6	8.0		UD
33213-65-9	Endosulfan II	4.0	16		UD
1031-07-8	Endosulfan Sulfate	4.0	16		UD
72-20-8	Endrin	4.0	16		UD
7421-93-4	Endrin Aldehyde	4.0	16		UD
58-89-9	Gamma-BHC	2.6	8.0		UD
76-44-8	Heptachlor	2.6	8.0		UD
1024-57-3	Heptachlor Epoxide	2.6	8.0		UD
72-43-5	Methoxychlor	2.6	8.0		UD
8001-35-2	Toxaphene	260	800		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 041F4101

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 06:43

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.62	1.9		U
319-84-6	Alpha-BHC	0.62	1.9	1.8	JP
319-85-7	Beta-BHC	0.62	1.9	1.6	JP
72-54-8	4,4'-DDD	0.93	3.7	13	Y
72-55-9	4,4'-DDE	0.93	3.7	23	Y
50-29-3	4,4'-DDT	0.93	3.7	7.4	PYB
319-86-8	Delta-BHC	0.62	1.9	2.3	P
60-57-1	Dieldrin	0.93	3.7	2.8	JPMY
959-98-8	Endosulfan I	0.62	1.9	2.5	Y
33213-65-9	Endosulfan II	0.93	3.7	11	PY
1031-07-8	Endosulfan Sulfate	0.93	3.7	7.4	Y
72-20-8	Endrin	0.93	3.7	5.5	PMY
7421-93-4	Endrin Aldehyde	0.93	3.7	3.2	JPMY
58-89-9	Gamma-BHC	0.62	1.9		U
76-44-8	Heptachlor	0.62	1.9	0.93	J
1024-57-3	Heptachlor Epoxide	0.62	1.9	0.76	JPMY
72-43-5	Methoxychlor	0.62	1.9	6.4	PMY
8001-35-2	Toxaphene	62	190		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-17DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 036F3601

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/05/06 08:42

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 11:09

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	6.2	19		UD
319-84-6	Alpha-BHC	6.2	19		UD
319-85-7	Beta-BHC	6.2	19		UD
72-54-8	4,4'-DDD	9.3	37	14	JDX
72-55-9	4,4'-DDE	9.3	37	30	JDX
50-29-3	4,4'-DDT	9.3	37	31	JPDX
319-86-8	Delta-BHC	6.2	19		UD
60-57-1	Dieldrin	9.3	37		UD
959-98-8	Endosulfan I	6.2	19		UD
33213-65-9	Endosulfan II	9.3	37		UD
1031-07-8	Endosulfan Sulfate	9.3	37	18	JDX
72-20-8	Endrin	9.3	37		UD
7421-93-4	Endrin Aldehyde	9.3	37		UD
58-89-9	Gamma-BHC	6.2	19		UD
76-44-8	Heptachlor	6.2	19		UD
1024-57-3	Heptachlor Epoxide	6.2	19		UD
72-43-5	Methoxychlor	6.2	19	15	JPDMX
8001-35-2	Toxaphene	620	1900		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 042F4201

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 07:12

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.39	1.2		U
319-84-6	Alpha-BHC	0.39	1.2		U
319-85-7	Beta-BHC	0.39	1.2		U
72-54-8	4,4'-DDD	0.59	2.4	2.3	JPY
72-55-9	4,4'-DDE	0.59	2.4	9.6	PY
50-29-3	4,4'-DDT	0.59	2.4	2.6	PYB
319-86-8	Delta-BHC	0.39	1.2	0.95	JPM
60-57-1	Dieldrin	0.59	2.4	0.68	JPMY
959-98-8	Endosulfan I	0.39	1.2		UY
33213-65-9	Endosulfan II	0.59	2.4	1.4	JPMY
1031-07-8	Endosulfan Sulfate	0.59	2.4		UY
72-20-8	Endrin	0.59	2.4	2.7	PY
7421-93-4	Endrin Aldehyde	0.59	2.4		UY
58-89-9	Gamma-BHC	0.39	1.2	0.43	JPM
76-44-8	Heptachlor	0.39	1.2	0.61	J
1024-57-3	Heptachlor Epoxide	0.39	1.2	2.4	PMY
72-43-5	Methoxychlor	0.39	1.2	11	PMY
8001-35-2	Toxaphene	39	120		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-08-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-18DL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 037F3701

% Moisture: 45 decanted: (Y/N) N Date Sampled: 11/05/06 09:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 11:37

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	3.9	12		UD
319-84-6	Alpha-BHC	3.9	12		UD
319-85-7	Beta-BHC	3.9	12		UD
72-54-8	4,4'-DDD	5.9	24		UD
72-55-9	4,4'-DDE	5.9	24		UD
50-29-3	4,4'-DDT	5.9	24		UD
319-86-8	Delta-BHC	3.9	12		UD
60-57-1	Dieldrin	5.9	24		UD
959-98-8	Endosulfan I	3.9	12		UD
33213-65-9	Endosulfan II	5.9	24		UD
1031-07-8	Endosulfan Sulfate	5.9	24		UD
72-20-8	Endrin	5.9	24		UD
7421-93-4	Endrin Aldehyde	5.9	24		UD
58-89-9	Gamma-BHC	3.9	12		UD
76-44-8	Heptachlor	3.9	12		UD
1024-57-3	Heptachlor Epoxide	3.9	12		UD
72-43-5	Methoxychlor	3.9	12	4.2	JPDMX
8001-35-2	Toxaphene	390	1200		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 043F4301

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/28/06 07:40

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.37	1.1		U
319-84-6	Alpha-BHC	0.37	1.1		U
319-85-7	Beta-BHC	0.37	1.1	0.86	JPM
72-54-8	4,4'-DDD	0.56	2.2	1.6	JPMY
72-55-9	4,4'-DDE	0.56	2.2	190	Y
50-29-3	4,4'-DDT	0.56	2.2	5.7	PMYB
319-86-8	Delta-BHC	0.37	1.1	1.2	PM
60-57-1	Dieldrin	0.56	2.2	1.6	JPMY
959-98-8	Endosulfan I	0.37	1.1	1.7	Y
33213-65-9	Endosulfan II	0.56	2.2	3.1	PMY
1031-07-8	Endosulfan Sulfate	0.56	2.2	8.2	PY
72-20-8	Endrin	0.56	2.2	1.7	JPMY
7421-93-4	Endrin Aldehyde	0.56	2.2	17	PY
58-89-9	Gamma-BHC	0.37	1.1		U
76-44-8	Heptachlor	0.37	1.1	4.2	
1024-57-3	Heptachlor Epoxide	0.37	1.1	24	PY
72-43-5	Methoxychlor	0.37	1.1	16	PMY
8001-35-2	Toxaphene	250	250		UI

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-19DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 038F3801

% Moisture: 42 decanted: (Y/N) N Date Sampled: 11/05/06 09:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 12:06

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	3.7	11		UD
319-84-6	Alpha-BHC	3.7	11		UD
319-85-7	Beta-BHC	3.7	11		UD
72-54-8	4,4'-DDD	5.6	22		UD
72-55-9	4,4'-DDE	5.6	22	160	DX
50-29-3	4,4'-DDT	5.6	22		UD
319-86-8	Delta-BHC	3.7	11		UD
60-57-1	Dieldrin	5.6	22		UD
959-98-8	Endosulfan I	3.7	11		UD
33213-65-9	Endosulfan II	5.6	22		UD
1031-07-8	Endosulfan Sulfate	5.6	22		UD
72-20-8	Endrin	5.6	22	19	JDX
7421-93-4	Endrin Aldehyde	5.6	22	20	JPD
58-89-9	Gamma-BHC	3.7	11		UD
76-44-8	Heptachlor	3.7	11		UD
1024-57-3	Heptachlor Epoxide	3.7	11	26	PDX
72-43-5	Methoxychlor	3.7	11	16	PDMX
8001-35-2	Toxaphene	370	1100		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-20

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 030F3001

% Moisture: 18 decanted: (Y/N) N Date Sampled: 11/05/06 09:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 06:13

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.79	0.36	JPM
319-84-6	Alpha-BHC	0.26	0.79		U
319-85-7	Beta-BHC	0.26	0.79		U
72-54-8	4,4'-DDD	0.40	1.6	5.4	
72-55-9	4,4'-DDE	0.40	1.6	23	
50-29-3	4,4'-DDT	0.40	1.6	32	
319-86-8	Delta-BHC	0.26	0.79	0.44	J
60-57-1	Dieldrin	0.40	1.6		U
959-98-8	Endosulfan I	0.26	0.79	0.70	JP
33213-65-9	Endosulfan II	0.40	1.6	1.7	P
1031-07-8	Endosulfan Sulfate	0.40	1.6	3.3	P
72-20-8	Endrin	0.40	1.6	6.1	P
7421-93-4	Endrin Aldehyde	0.40	1.6	0.86	JPM
58-89-9	Gamma-BHC	0.26	0.79		U
76-44-8	Heptachlor	0.26	0.79	0.36	J
1024-57-3	Heptachlor Epoxide	0.26	0.79	1.3	
72-43-5	Methoxychlor	0.26	0.79	3.4	PM
8001-35-2	Toxaphene	26	79		

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-21

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 031F3101

% Moisture: 17 decanted: (Y/N) N Date Sampled: 11/05/06 10:04

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 06:41

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.79		U
319-84-6	Alpha-BHC	0.26	0.79		U
319-85-7	Beta-BHC	0.26	0.79		U
72-54-8	4,4'-DDD	0.39	1.6	2.0	
72-55-9	4,4'-DDE	0.39	1.6	5.9	
50-29-3	4,4'-DDT	0.39	1.6	0.86	JPMB
319-86-8	Delta-BHC	0.26	0.79		U
60-57-1	Dieldrin	0.39	1.6		U
959-98-8	Endosulfan I	0.26	0.79		U
33213-65-9	Endosulfan II	0.39	1.6		U
1031-07-8	Endosulfan Sulfate	0.39	1.6		U
72-20-8	Endrin	0.39	1.6	1.7	P
7421-93-4	Endrin Aldehyde	0.39	1.6		U
58-89-9	Gamma-BHC	0.26	0.79		U
76-44-8	Heptachlor	0.26	0.79		U
1024-57-3	Heptachlor Epoxide	0.26	0.79		U
72-43-5	Methoxychlor	0.26	0.79		U
8001-35-2	Toxaphene	26	79		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-22

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 032F3201

% Moisture: 14 decanted: (Y/N) N Date Sampled: 11/05/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 07:10

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.25	0.75		U
319-84-6	Alpha-BHC	0.25	0.75		U
319-85-7	Beta-BHC	0.25	0.75		U
72-54-8	4,4'-DDD	0.38	1.5	2.7	
72-55-9	4,4'-DDE	0.38	1.5	25	
50-29-3	4,4'-DDT	0.38	1.5	23	
319-86-8	Delta-BHC	0.25	0.75		U
60-57-1	Dieldrin	0.38	1.5		U
959-98-8	Endosulfan I	0.25	0.75		U
33213-65-9	Endosulfan II	0.38	1.5		U
1031-07-8	Endosulfan Sulfate	0.38	1.5		U
72-20-8	Endrin	0.38	1.5	1.1	JPM
7421-93-4	Endrin Aldehyde	0.38	1.5		U
58-89-9	Gamma-BHC	0.25	0.75		U
76-44-8	Heptachlor	0.25	0.75		U
1024-57-3	Heptachlor Epoxide	0.25	0.75		U
72-43-5	Methoxychlor	0.25	0.75		U
8001-35-2	Toxaphene	25	75		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 033F3301

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 07:38

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.30	0.92		U
319-84-6	Alpha-BHC	0.30	0.92		U
319-85-7	Beta-BHC	0.30	0.92		U
72-54-8	4,4'-DDD	0.46	1.8	3.3	
72-55-9	4,4'-DDE	0.46	1.8	210	E
50-29-3	4,4'-DDT	0.46	1.8	4.8	B
319-86-8	Delta-BHC	0.30	0.92		U
60-57-1	Dieldrin	0.46	1.8	16	P
959-98-8	Endosulfan I	0.30	0.92		U
33213-65-9	Endosulfan II	0.46	1.8		U
1031-07-8	Endosulfan Sulfate	0.46	1.8		U
72-20-8	Endrin	0.46	1.8		U
7421-93-4	Endrin Aldehyde	0.46	1.8		U
58-89-9	Gamma-BHC	0.30	0.92		U
76-44-8	Heptachlor	0.30	0.92		U
1024-57-3	Heptachlor Epoxide	0.30	0.92		U
72-43-5	Methoxychlor	0.30	0.92	2.9	P
8001-35-2	Toxaphene	30	92		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-13-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-23DL

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 015F1501

% Moisture: 29 decanted: (Y/N) N Date Sampled: 11/05/06 10:33

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/70

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/04/06 20:13

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.5	4.6		UD
319-84-6	Alpha-BHC	1.5	4.6		UD
319-85-7	Beta-BHC	1.5	4.6		UD
72-54-8	4,4'-DDD	2.3	9.2		UD
72-55-9	4,4'-DDE	2.3	9.2	190	D
50-29-3	4,4'-DDT	2.3	9.2	3.6	JDB
319-86-8	Delta-BHC	1.5	4.6		UD
60-57-1	Dieldrin	2.3	9.2		UD
959-98-8	Endosulfan I	1.5	4.6		UD
33213-65-9	Endosulfan II	2.3	9.2		UD
1031-07-8	Endosulfan Sulfate	2.3	9.2		UD
72-20-8	Endrin	2.3	9.2		UD
7421-93-4	Endrin Aldehyde	2.3	9.2		UD
58-89-9	Gamma-BHC	1.5	4.6		UD
76-44-8	Heptachlor	1.5	4.6		UD
1024-57-3	Heptachlor Epoxide	1.5	4.6		UD
72-43-5	Methoxychlor	1.5	4.6		UD
8001-35-2	Toxaphene	150	460		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-24

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 034F3401

% Moisture: 36 decanted: (Y/N) N Date Sampled: 11/05/06 10:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 08:07

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.34	1.0		U
319-84-6	Alpha-BHC	0.34	1.0		U
319-85-7	Beta-BHC	0.34	1.0		U
72-54-8	4,4'-DDD	0.51	2.0		U
72-55-9	4,4'-DDE	0.51	2.0	6.4	
50-29-3	4,4'-DDT	0.51	2.0	4.7	B
319-86-8	Delta-BHC	0.34	1.0		U
60-57-1	Dieldrin	0.51	2.0		U
959-98-8	Endosulfan I	0.34	1.0		U
33213-65-9	Endosulfan II	0.51	2.0	0.60	JPM
1031-07-8	Endosulfan Sulfate	0.51	2.0		U
72-20-8	Endrin	0.51	2.0	2.0	JP
7421-93-4	Endrin Aldehyde	0.51	2.0		U
58-89-9	Gamma-BHC	0.34	1.0		U
76-44-8	Heptachlor	0.34	1.0		U
1024-57-3	Heptachlor Epoxide	0.34	1.0		U
72-43-5	Methoxychlor	0.34	1.0	1.5	PM
8001-35-2	Toxaphene	34	100		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-25

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 035F3501

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 11:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 08:36

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.23	0.70		U
319-84-6	Alpha-BHC	0.23	0.70		U
319-85-7	Beta-BHC	0.23	0.70		U
72-54-8	4,4'-DDD	0.35	1.4		U
72-55-9	4,4'-DDE	0.35	1.4	1.7	
50-29-3	4,4'-DDT	0.35	1.4	1.0	JB
319-86-8	Delta-BHC	0.23	0.70		U
60-57-1	Dieldrin	0.35	1.4		U
959-98-8	Endosulfan I	0.23	0.70		U
33213-65-9	Endosulfan II	0.35	1.4		U
1031-07-8	Endosulfan Sulfate	0.35	1.4		U
72-20-8	Endrin	0.35	1.4		U
7421-93-4	Endrin Aldehyde	0.35	1.4		U
58-89-9	Gamma-BHC	0.23	0.70		U
76-44-8	Heptachlor	0.23	0.70		U
1024-57-3	Heptachlor Epoxide	0.23	0.70		U
72-43-5	Methoxychlor	0.23	0.70		U
8001-35-2	Toxaphene	23	70		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-26

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 038F3801

% Moisture: 26 decanted: (Y/N) N Date Sampled: 11/05/06 11:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 10:01

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.29	0.88		U
319-84-6	Alpha-BHC	0.29	0.88		U
319-85-7	Beta-BHC	0.29	0.88		U
72-54-8	4,4'-DDD	0.44	1.8	0.74	J
72-55-9	4,4'-DDE	0.44	1.8	4.3	
50-29-3	4,4'-DDT	0.44	1.8	4.3	B
319-86-8	Delta-BHC	0.29	0.88		U
60-57-1	Dieldrin	0.44	1.8		U
959-98-8	Endosulfan I	0.29	0.88		U
33213-65-9	Endosulfan II	0.44	1.8		U
1031-07-8	Endosulfan Sulfate	0.44	1.8		U
72-20-8	Endrin	0.44	1.8	0.71	J
7421-93-4	Endrin Aldehyde	0.44	1.8		U
58-89-9	Gamma-BHC	0.29	0.88		U
76-44-8	Heptachlor	0.29	0.88		U
1024-57-3	Heptachlor Epoxide	0.29	0.88		U
72-43-5	Methoxychlor	0.29	0.88		U
8001-35-2	Toxaphene	29	88		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-27

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 039F3901

% Moisture: 20 decanted: (Y/N) N Date Sampled: 11/05/06 14:00

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 10:30

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.79		U
319-84-6	Alpha-BHC	0.26	0.79		U
319-85-7	Beta-BHC	0.26	0.79		U
72-54-8	4,4'-DDD	0.40	1.6	0.98	JP
72-55-9	4,4'-DDE	0.40	1.6	48	
50-29-3	4,4'-DDT	0.40	1.6	4.8	B
319-86-8	Delta-BHC	0.26	0.79		U
60-57-1	Dieldrin	0.40	1.6		U
959-98-8	Endosulfan I	0.26	0.79		U
33213-65-9	Endosulfan II	0.40	1.6	0.70	J
1031-07-8	Endosulfan Sulfate	0.40	1.6	1.8	P
72-20-8	Endrin	0.40	1.6	2.8	
7421-93-4	Endrin Aldehyde	0.40	1.6	2.5	
58-89-9	Gamma-BHC	0.26	0.79		U
76-44-8	Heptachlor	0.26	0.79		U
1024-57-3	Heptachlor Epoxide	0.26	0.79		U
72-43-5	Methoxychlor	0.26	0.79		U
8001-35-2	Toxaphene	26	79		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-28

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 040F4001

% Moisture: 24 decanted: (Y/N) N Date Sampled: 11/05/06 14:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 10:59

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.28	0.84		U
319-84-6	Alpha-BHC	0.28	0.84		U
319-85-7	Beta-BHC	0.28	0.84		U
72-54-8	4,4'-DDD	0.42	1.7		U
72-55-9	4,4'-DDE	0.42	1.7	2.2	
50-29-3	4,4'-DDT	0.42	1.7	3.8	PB
319-86-8	Delta-BHC	0.28	0.84		U
60-57-1	Dieldrin	0.42	1.7		U
959-98-8	Endosulfan I	0.28	0.84		U
33213-65-9	Endosulfan II	0.42	1.7		U
1031-07-8	Endosulfan Sulfate	0.42	1.7		U
72-20-8	Endrin	0.42	1.7	2.6	
7421-93-4	Endrin Aldehyde	0.42	1.7	3.2	
58-89-9	Gamma-BHC	0.28	0.84		U
76-44-8	Heptachlor	0.28	0.84		U
1024-57-3	Heptachlor Epoxide	0.28	0.84		U
72-43-5	Methoxychlor	0.28	0.84		U
8001-35-2	Toxaphene	28	84		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-29

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 041F4101

% Moisture: 9 decanted: (Y/N) N Date Sampled: 11/05/06 14:25

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 11:27

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.23	0.71		U
319-84-6	Alpha-BHC	0.23	0.71		U
319-85-7	Beta-BHC	0.23	0.71		U
72-54-8	4,4'-DDD	0.36	1.4	1.2	J
72-55-9	4,4'-DDE	0.36	1.4	14	
50-29-3	4,4'-DDT	0.36	1.4	9.9	
319-86-8	Delta-BHC	0.23	0.71		U
60-57-1	Dieldrin	0.36	1.4		U
959-98-8	Endosulfan I	0.23	0.71		U
33213-65-9	Endosulfan II	0.36	1.4		U
1031-07-8	Endosulfan Sulfate	0.36	1.4		U
72-20-8	Endrin	0.36	1.4	1.6	P
7421-93-4	Endrin Aldehyde	0.36	1.4	1.7	P
58-89-9	Gamma-BHC	0.23	0.71		U
76-44-8	Heptachlor	0.23	0.71		U
1024-57-3	Heptachlor Epoxide	0.23	0.71		U
72-43-5	Methoxychlor	0.23	0.71		U
8001-35-2	Toxaphene	23	71		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-30

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 043F4301

% Moisture: 19 decanted: (Y/N) N Date Sampled: 11/05/06 14:40

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 12:25

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.26	0.80		U
319-84-6	Alpha-BHC	0.26	0.80		U
319-85-7	Beta-BHC	0.26	0.80		U
72-54-8	4,4'-DDD	0.40	1.6	1.6	P
72-55-9	4,4'-DDE	0.40	1.6	26	
50-29-3	4,4'-DDT	0.40	1.6	20	X
319-86-8	Delta-BHC	0.26	0.80		U
60-57-1	Dieldrin	0.40	1.6		U
959-98-8	Endosulfan I	0.26	0.80		U
33213-65-9	Endosulfan II	0.40	1.6	0.44	J
1031-07-8	Endosulfan Sulfate	0.40	1.6		U
72-20-8	Endrin	0.40	1.6	0.98	JPM
7421-93-4	Endrin Aldehyde	0.40	1.6	1.8	P
58-89-9	Gamma-BHC	0.26	0.80		U
76-44-8	Heptachlor	0.26	0.80		U
1024-57-3	Heptachlor Epoxide	0.26	0.80		U
72-43-5	Methoxychlor	0.26	0.80		U
8001-35-2	Toxaphene	26	80		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-31

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 046F4601

% Moisture: 16 decanted: (Y/N) N Date Sampled: 11/05/06 15:05

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 13:51

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.25	0.77		U
319-84-6	Alpha-BHC	0.25	0.77		U
319-85-7	Beta-BHC	0.25	0.77	0.44	JP
72-54-8	4,4'-DDD	0.38	1.5	15	
72-55-9	4,4'-DDE	0.38	1.5	62	
50-29-3	4,4'-DDT	0.38	1.5	14	
319-86-8	Delta-BHC	0.25	0.77		U
60-57-1	Dieldrin	0.38	1.5		U
959-98-8	Endosulfan I	0.25	0.77	0.32	J
33213-65-9	Endosulfan II	0.38	1.5	0.42	JPM
1031-07-8	Endosulfan Sulfate	0.38	1.5		U
72-20-8	Endrin	0.38	1.5	0.66	JPM
7421-93-4	Endrin Aldehyde	0.38	1.5	1.5	
58-89-9	Gamma-BHC	0.25	0.77		U
76-44-8	Heptachlor	0.25	0.77		U
1024-57-3	Heptachlor Epoxide	0.25	0.77		U
72-43-5	Methoxychlor	0.25	0.77	1.5	PMX
8001-35-2	Toxaphene	25	77		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-32

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 047F4701

% Moisture: 34 decanted: (Y/N) N Date Sampled: 11/05/06 15:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 14:19

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.32	0.97		U
319-84-6	Alpha-BHC	0.32	0.97		U
319-85-7	Beta-BHC	0.32	0.97		U
72-54-8	4,4'-DDD	0.49	1.9	0.87	J
72-55-9	4,4'-DDE	0.49	1.9	2.0	
50-29-3	4,4'-DDT	0.49	1.9	3.5	BX
319-86-8	Delta-BHC	0.32	0.97		U
60-57-1	Dieldrin	0.49	1.9		U
959-98-8	Endosulfan I	0.32	0.97		U
33213-65-9	Endosulfan II	0.49	1.9		U
1031-07-8	Endosulfan Sulfate	0.49	1.9		U
72-20-8	Endrin	0.49	1.9		U
7421-93-4	Endrin Aldehyde	0.49	1.9		U
58-89-9	Gamma-BHC	0.32	0.97		U
76-44-8	Heptachlor	0.32	0.97		U
1024-57-3	Heptachlor Epoxide	0.32	0.97		U
72-43-5	Methoxychlor	0.32	0.97		U
8001-35-2	Toxaphene	32	97		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-39

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 057F5701

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/16/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 19:05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.4	4.2		U
319-84-6	Alpha-BHC	1.4	4.2	3.0	JP
319-85-7	Beta-BHC	1.4	4.2	3.6	JPM
72-54-8	4,4'-DDD	2.1	8.3		U
72-55-9	4,4'-DDE	2.1	8.3		U
50-29-3	4,4'-DDT	2.1	8.3		U
319-86-8	Delta-BHC	1.4	4.2		U
60-57-1	Dieldrin	2.1	8.3		U
959-98-8	Endosulfan I	1.4	4.2		U
33213-65-9	Endosulfan II	2.1	8.3		U
1031-07-8	Endosulfan Sulfate	2.1	8.3		U
72-20-8	Endrin	2.1	8.3		U
7421-93-4	Endrin Aldehyde	2.1	8.3		U
58-89-9	Gamma-BHC	1.4	4.2	3.2	J
76-44-8	Heptachlor	1.4	4.2		U
1024-57-3	Heptachlor Epoxide	1.4	4.2		U
72-43-5	Methoxychlor	1.4	4.2	3.3	JP
8001-35-2	Toxaphene	140	420		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-34

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 049F4901

% Moisture: 83 decanted: (Y/N) N Date Sampled: 11/06/06 10:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 15:17

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.3	3.9		U
319-84-6	Alpha-BHC	1.3	3.9		U
319-85-7	Beta-BHC	1.3	3.9	8.4	
72-54-8	4,4'-DDD	1.9	7.8	6.7	J
72-55-9	4,4'-DDE	1.9	7.8	6.9	J
50-29-3	4,4'-DDT	1.9	7.8	5.5	JBX
319-86-8	Delta-BHC	1.3	3.9	3.8	J
60-57-1	Dieldrin	1.9	7.8		U
959-98-8	Endosulfan I	1.3	3.9		U
33213-65-9	Endosulfan II	1.9	7.8		U
1031-07-8	Endosulfan Sulfate	1.9	7.8	3.8	J
72-20-8	Endrin	1.9	7.8	2.7	JX
7421-93-4	Endrin Aldehyde	1.9	7.8		U
58-89-9	Gamma-BHC	1.3	3.9		U
76-44-8	Heptachlor	1.3	3.9		U
1024-57-3	Heptachlor Epoxide	1.3	3.9	3.0	J
72-43-5	Methoxychlor	1.3	3.9	4.4	
8001-35-2	Toxaphene	130	390		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-35

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 050F5001

% Moisture: 84 decanted: (Y/N) N Date Sampled: 11/06/06 10:55

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 15:45

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.3	4.0		U
319-84-6	Alpha-BHC	1.3	4.0		U
319-85-7	Beta-BHC	1.3	4.0	2.4	JPM
72-54-8	4,4'-DDD	2.0	7.9		U
72-55-9	4,4'-DDE	2.0	7.9		U
50-29-3	4,4'-DDT	2.0	7.9		U
319-86-8	Delta-BHC	1.3	4.0		U
60-57-1	Dieldrin	2.0	7.9		U
959-98-8	Endosulfan I	1.3	4.0		U
33213-65-9	Endosulfan II	2.0	7.9		U
1031-07-8	Endosulfan Sulfate	2.0	7.9		U
72-20-8	Endrin	2.0	7.9		U
7421-93-4	Endrin Aldehyde	2.0	7.9		U
58-89-9	Gamma-BHC	1.3	4.0		U
76-44-8	Heptachlor	1.3	4.0		U
1024-57-3	Heptachlor Epoxide	1.3	4.0		U
72-43-5	Methoxychlor	1.3	4.0		U
8001-35-2	Toxaphene	130	400		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-36

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 054F5401

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/06/06 13:57

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/16/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 17:40

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.65	2.0		U
319-84-6	Alpha-BHC	0.65	2.0		U
319-85-7	Beta-BHC	0.65	2.0		U
72-54-8	4,4'-DDD	0.98	3.9		U
72-55-9	4,4'-DDE	0.98	3.9	3.0	J
50-29-3	4,4'-DDT	0.98	3.9		U
319-86-8	Delta-BHC	0.65	2.0	0.92	J
60-57-1	Dieldrin	0.98	3.9		U
959-98-8	Endosulfan I	0.65	2.0		U
33213-65-9	Endosulfan II	0.98	3.9		U
1031-07-8	Endosulfan Sulfate	0.98	3.9		U
72-20-8	Endrin	0.98	3.9		U
7421-93-4	Endrin Aldehyde	0.98	3.9		U
58-89-9	Gamma-BHC	0.65	2.0		U
76-44-8	Heptachlor	0.65	2.0		U
1024-57-3	Heptachlor Epoxide	0.65	2.0		U
72-43-5	Methoxychlor	0.65	2.0		U
8001-35-2	Toxaphene	65	200		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-37

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 055F5501

% Moisture: 56 decanted: (Y/N) N Date Sampled: 11/06/06 14:29

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/16/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 18:08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.48	1.5		U
319-84-6	Alpha-BHC	0.48	1.5		U
319-85-7	Beta-BHC	0.48	1.5		U
72-54-8	4,4'-DDD	0.73	2.9		U
72-55-9	4,4'-DDE	0.73	2.9	1.4	JP
50-29-3	4,4'-DDT	0.73	2.9	1.3	J
319-86-8	Delta-BHC	0.48	1.5	0.68	J
60-57-1	Dieldrin	0.73	2.9		U
959-98-8	Endosulfan I	0.48	1.5		U
33213-65-9	Endosulfan II	0.73	2.9		U
1031-07-8	Endosulfan Sulfate	0.73	2.9		U
72-20-8	Endrin	0.73	2.9		U
7421-93-4	Endrin Aldehyde	0.73	2.9		U
58-89-9	Gamma-BHC	0.48	1.5	0.93	JP
76-44-8	Heptachlor	0.48	1.5		U
1024-57-3	Heptachlor Epoxide	0.48	1.5		U
72-43-5	Methoxychlor	0.48	1.5		U
8001-35-2	Toxaphene	48	150		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: 0611056-38

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 056F5601

% Moisture: 51 decanted: (Y/N) N Date Sampled: 11/06/06 15:03

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/16/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 18:37

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.44	1.3		U
319-84-6	Alpha-BHC	0.44	1.3		U
319-85-7	Beta-BHC	0.44	1.3		U
72-54-8	4,4'-DDD	0.67	2.7		U
72-55-9	4,4'-DDE	0.67	2.7		U
50-29-3	4,4'-DDT	0.67	2.7		U
319-86-8	Delta-BHC	0.44	1.3		U
60-57-1	Dieldrin	0.67	2.7		U
959-98-8	Endosulfan I	0.44	1.3		U
33213-65-9	Endosulfan II	0.67	2.7		U
1031-07-8	Endosulfan Sulfate	0.67	2.7		U
72-20-8	Endrin	0.67	2.7		U
7421-93-4	Endrin Aldehyde	0.67	2.7		U
58-89-9	Gamma-BHC	0.44	1.3		U
76-44-8	Heptachlor	0.44	1.3		U
1024-57-3	Heptachlor Epoxide	0.44	1.3		U
72-43-5	Methoxychlor	0.44	1.3		U
8001-35-2	Toxaphene	44	130		U

APPENDIX C

SUPPORT DOCUMENTATION

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	%	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	%	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	%	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26
OS	%	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	%	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/14/2006	12/1/2006	9	17	26
OS	UG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/13/2006	11/18/2006	8	5	13
OS	UG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/14/2006	12/1/2006	9	17	26
OS	UG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/14/2006	12/3/2006	9	19	28
OS	UG/KG	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/14/2006	12/1/2006	9	17	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/14/2006	12/1/2006	9	17	26
OS	UG/KG	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/14/2006	12/3/2006	9	19	28
OS	UG/KG	S5FD11060602	0611056-39	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/14/2006	12/3/2006	8	19	27
OS	UG/KG	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/14/2006	12/1/2006	9	17	26
OS	UG/KG	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26
OS	UG/KG	S1FD11040602	0611056-10	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/14/2006	12/3/2006	9	19	28
OS	UG/KG	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/13/2006	12/1/2006	8	18	26
OS	UG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26
OS	UG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/10/2006	11/17/2006	7	7	14
OS	UG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/10/2006	11/17/2006	7	7	14
OS	UG/KG	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26
OS	UG/KG	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/6/2006	11/29/2006	2	23	25
OS	UG/KG	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/6/2006	11/29/2006	3	23	26
OS	UG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/13/2006	11/17/2006	9	4	13
OS	UG/KG	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/13/2006	11/29/2006	8	16	24
OS	UG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S2FD11050601	0611056-33	NM	11/5/2006	11/14/2006	12/3/2006	9	19	28
OS	UG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
OS	UG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/13/2006	11/29/2006	9	16	25
PEST	%	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-13-00-1106DL	0611056-23DL	NM	11/5/2006	12/4/2006	12/4/2006	29	0	29
PEST	%	S2-SS-09-00-1106DL	0611056-19DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-08-00-1106DL	0611056-18DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	%	S2-SS-07-00-1106DL	0611056-17DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	%	S2-SS-06-00-1106DL	0611056-16DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	%	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	%	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	%	S2-SS-05-00-1106DL	0611056-15DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	%	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S5FD11060602	0611056-39	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	%	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	%	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	%	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	%	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	%	S1-SD-02-00-1106DL	0611056-02DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	%	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S1-SD-05-00-1106DL	0611056-05DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	%	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	%	S1-SD-04-00-1106DL	0611056-04DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	%	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	%	S1-SD-06-00-1106DL	0611056-06DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	%	S1FD11040602DL	0611056-10DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	%	S1-SD-01-00-1106DL	0611056-01DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	%	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S1FD11040602	0611056-10	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-04-00-1106DL	0611056-14DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	%	S1-SD-03-00-1106DL	0611056-03DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	%	S2-SS-01-00-1106DL	0611056-11DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S2-SS-03-00-1106DL	0611056-13DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-02-00-1106DL	0611056-12DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S2FD11050601	0611056-33	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	%	S1-SD-09-00-1106DL	0611056-09DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S1-SD-08-00-1106DL	0611056-08DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	%	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	%	S1-SD-07-00-1106DL	0611056-07DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SS-13-00-1106	0611056-23	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-12-00-1106	0611056-22	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-11-00-1106	0611056-21	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-10-00-1106	0611056-20	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-13-00-1106DL	0611056-23DL	NM	11/5/2006	12/4/2006	12/4/2006	29	0	29
PEST	UG/KG	S2-SS-09-00-1106DL	0611056-19DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	UG/KG	S2-SS-09-00-1106	0611056-19	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	UG/KG	S2-SS-08-00-1106DL	0611056-18DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	UG/KG	S2-SS-08-00-1106	0611056-18	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	UG/KG	S2-SS-07-00-1106	0611056-17	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	UG/KG	S2-SS-20-00-1106	0611056-30	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-06-00-1106DL	0611056-16DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	UG/KG	S2-SS-06-00-1106	0611056-16	NM	11/5/2006	11/28/2006	11/28/2006	23	0	23
PEST	UG/KG	S2-SS-07-00-1106DL	0611056-17DL	NM	11/5/2006	12/2/2006	12/2/2006	27	0	27
PEST	UG/KG	S2-SS-14-00-1106	0611056-24	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-15-00-1106	0611056-25	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-16-00-1106	0611056-26	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-17-00-1106	0611056-27	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S5-SD-03-00-1106	0611056-36	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S2-SS-19-00-1106	0611056-29	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-21-00-1106	0611056-31	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-22-00-1106	0611056-32	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S5FD11060602	0611056-39	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S5-SD-01-00-1106	0611056-34	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S5-SD-02-00-1106	0611056-35	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S2-SS-05-00-1106DL	0611056-15DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S1-SD-06-00-1106DL	0611056-06DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S5-SD-04-00-1106	0611056-37	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S2-SS-18-00-1106	0611056-28	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S1-SD-07-00-1106	0611056-07	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S5-SD-05-00-1106	0611056-38	NM	11/6/2006	11/29/2006	11/29/2006	23	0	23
PEST	UG/KG	S1FD11040602	0611056-10	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S1FD11040602DL	0611056-10DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S1-SD-01-00-1106	0611056-01	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	UG/KG	S1-SD-01-00-1106DL	0611056-01DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	UG/KG	S1-SD-02-00-1106	0611056-02	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S1-SD-02-00-1106DL	0611056-02DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	UG/KG	S1-SD-03-00-1106	0611056-03	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	UG/KG	S1-SD-03-00-1106DL	0611056-03DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	UG/KG	S1-SD-04-00-1106	0611056-04	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	UG/KG	S1-SD-04-00-1106DL	0611056-04DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29
PEST	UG/KG	S1-SD-05-00-1106	0611056-05	NM	11/3/2006	11/27/2006	11/27/2006	24	0	24
PEST	UG/KG	S1-SD-07-00-1106DL	0611056-07DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S1-SD-06-00-1106	0611056-06	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S2-SS-05-00-1106	0611056-15	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S1-SD-08-00-1106	0611056-08	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S1-SD-08-00-1106DL	0611056-08DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S1-SD-09-00-1106	0611056-09	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S1-SD-09-00-1106DL	0611056-09DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S2FD11050601	0611056-33	NM	11/5/2006	11/29/2006	11/29/2006	24	0	24
PEST	UG/KG	S2-SS-01-00-1106	0611056-11	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S2-SS-01-00-1106DL	0611056-11DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S2-SS-02-00-1106	0611056-12	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S2-SS-02-00-1106DL	0611056-12DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SS-03-00-1106	0611056-13	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S2-SS-03-00-1106DL	0611056-13DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S2-SS-04-00-1106	0611056-14	NM	11/4/2006	11/28/2006	11/28/2006	24	0	24
PEST	UG/KG	S2-SS-04-00-1106DL	0611056-14DL	NM	11/4/2006	12/2/2006	12/2/2006	28	0	28
PEST	UG/KG	S1-SD-05-00-1106DL	0611056-05DL	NM	11/3/2006	12/2/2006	12/2/2006	29	0	29

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 01
Work Order: 0611056

Date Sampled	Date Received	Lab ID	Client ID	Dilution
11/03/06	11/07/06	0611056-01	S1-SD-01-00-1106	10
11/03/06	11/07/06	0611056-01	S1-SD-01-00-1106	1
11/03/06	11/07/06	0611056-02	S1-SD-02-00-1106	10
11/03/06	11/07/06	0611056-02	S1-SD-02-00-1106	1
11/03/06	11/07/06	0611056-03	S1-SD-03-00-1106	1
11/03/06	11/07/06	0611056-04	S1-SD-04-00-1106	1
11/03/06	11/07/06	0611056-05	S1-SD-05-00-1106	1
11/04/06	11/07/06	0611056-06	S1-SD-06-00-1106	1
11/04/06	11/07/06	0611056-07	S1-SD-07-00-1106	1
11/04/06	11/07/06	0611056-08	S1-SD-08-00-1106	10
11/04/06	11/07/06	0611056-08	S1-SD-08-00-1106	100
11/04/06	11/07/06	0611056-09	S1-SD-09-00-1106	1
11/04/06	11/07/06	0611056-10	S1FD11040602	1
11/04/06	11/07/06	0611056-11	S2-SS-01-00-1106	1
11/04/06	11/07/06	0611056-12	S2-SS-02-00-1106	1
11/04/06	11/07/06	0611056-13	S2-SS-03-00-1106	1
11/04/06	11/07/06	0611056-14	S2-SS-04-00-1106	1
11/04/06	11/07/06	0611056-15	S2-SS-05-00-1106	1
11/05/06	11/07/06	0611056-16	S2-SS-06-00-1106	1
11/05/06	11/07/06	0611056-17	S2-SS-07-00-1106	1
11/05/06	11/07/06	0611056-18	S2-SS-08-00-1106	1
11/05/06	11/07/06	0611056-19	S2-SS-09-00-1106	10
11/05/06	11/07/06	0611056-19	S2-SS-09-00-1106	1
11/05/06	11/07/06	0611056-20	S2-SS-10-00-1106	1
11/05/06	11/07/06	0611056-21	S2-SS-11-00-1106	1
11/05/06	11/07/06	0611056-22	S2-SS-12-00-1106	1
11/05/06	11/07/06	0611056-23	S2-SS-13-00-1106	1
11/05/06	11/07/06	0611056-24	S2-SS-14-00-1106	1
11/05/06	11/07/06	0611056-25	S2-SS-15-00-1106	1
11/05/06	11/07/06	0611056-25	S2-SS-15-00-1106	1
11/05/06	11/07/06	0611056-25	S2-SS-15-00-1106	1
11/05/06	11/07/06	0611056-26	S2-SS-16-00-1106	1
11/05/06	11/07/06	0611056-27	S2-SS-17-00-1106	1
11/05/06	11/07/06	0611056-28	S2-SS-18-00-1106	1
11/05/06	11/07/06	0611056-29	S2-SS-19-00-1106	1
11/05/06	11/07/06	0611056-30	S2-SS-20-00-1106	1
11/05/06	11/07/06	0611056-30	S2-SS-20-00-1106	1
11/05/06	11/07/06	0611056-30	S2-SS-20-00-1106	1
11/05/06	11/07/06	0611056-31	S2-SS-21-00-1106	1
11/05/06	11/07/06	0611056-32	S2-SS-22-00-1106	1
11/05/06	11/07/06	0611056-33	S2FD11050601	1
11/06/06	11/07/06	0611056-34	S5-SD-01-00-1106	1
11/06/06	11/07/06	0611056-35	S5-SD-02-00-1106	1
11/06/06	11/07/06	0611056-36	S5-SD-03-00-1106	1
11/06/06	11/07/06	0611056-37	S5-SD-04-00-1106	1
11/06/06	11/07/06	0611056-38	S5-SD-05-00-1106	1
11/06/06	11/07/06	0611056-39	S5FD11060602	1

Semivolatile Samples

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 3541/8270C (soxtherm extraction followed by capillary column GC/MS) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: Samples were analyzed/reported for appendix IX and TCL list combined. Analytes not listed in the SOW were included after discussion with the project chemist.
- In the continuing calibration verification standard analyzed 11/17/06 at 15:48, 2 of the continuing calibration compounds exceeded 20% difference on the high side. Applying the 20% criteria to all analytes, 6 exceeded on the high side and 8 exceeded on the low side. None of the compounds exceeding on the high side were detected in the associated 10x

dilutions for S1-SD-08-00-1106 and S2-SS-09-00-1106. Reported non-detect concentrations for the analytes exceeding on the low side are flagged with "J2" to indicate a potential low bias. Sample S1-SD-08-00-1106 was also analyzed at a 100x dilution to bring analyte concentrations within range of the initial calibration. Sample S2-SS-09-00-1106 was also analyzed without dilution.

- In spike samples SBLK1110BS1LCS/LCSD, recoveries of acetophenone exceeded the established limit on the high side and benzoic acid recoveries were below the limit of 10% at (10%)/8%. All other recoveries and relative percent differences were within limits.
- In spike sample SBLK1113BS1LCS, recoveries of benzo(k)fluoranthene and di-n-octylphthalate exceeded the limits on the high side. All other recoveries were within limits.
- In spike sample SBLK1114BS1LCS, recoveries of di-n-butylphthalate and di-n-octylphthalate exceeded the limits on the high side. All other recoveries were within limits.
- In spike samples S2-SS-15-00-1106MS/MSD, 4 of 138 recoveries exceeded the established limits on the high side. All relative percent differences were within limits. See form 3.
- In spike samples S2-SS-20-00-1106MS/MSD, 30 of 138 recoveries and 24 of 69 relative percent differences were outside the established limits. See form 3. Exceeded RPDs and recoveries are attributed to sample matrix and aliquot variability.
- Recoveries of d14-terphenyl exceeded the limit as high as 141% in some of the samples. In sample S2-SS-20-00-1106MSD, recoveries of 2-fluorophenol and d5-nitrobenzene were below the limits at 20% and 16%, respectively, in addition to d14-terphenyl exceeding the limit of 110% at 125%. See form 2.
- Area counts for the internal standard d12-perylene were less than 50% but greater than 25% of that found in the associated calibration verification standard in samples S5-SD-03-00-1106, S5-SD-04-00-1106, S5-SD-05-00-1106, S5FD11060602 and S2-SS-08-00-1106. Area counts for the internal standard d12-chyrsene were also less than 50% but greater than 25% in samples S5FD11060602 and S2-SS-08-00-1106. This is attributed to the sample matrix which caused the extracts to be very dark in color.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1162006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	**KEY WEST NAS**	**Chuck Bryan**	**Federal Express**	**Empirical Laboratories** **227 French Landing Drive, Suite 550** **Nashville, TN 37228**
	Turn Around Time: **Standard**	Field Ops Leader: **Gary Braganza**	Carrier/Waybill No. **8566-7032-5710**	Point of Contact: **Marcia McGinnity** **(615) 345-1119 x232**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	**SW-846 6020**	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	**SW-846 8081 / 8270C**	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	**SW-846 6020**	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	**SW-846 8081 / 8270C**	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	**SW-846 6020**	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	**SW-846 8081 / 8270C**	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	**SW-846 6020**	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	**SW-846 8081 / 8270C**	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	**SW-846 8081 / 8270C**	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	**SW-846 6020**	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	**SW-846 6020**	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	**SW-846 8081 / 8270C**	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	**SW-846 8081 / 8270C**	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	**SW-846 6020**	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	**SW-846 6020**	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	**SW-846 8081 / 8270C**	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	**SW-846 6020**	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	**SW-846 8081 / 8270C**	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	**SW-846 6020**	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	**SW-846 8081 / 8270C**	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	**SW-846 8081 / 8270C**	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	**SW-846 6020**	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	**SW-846 6020**	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	**SW-846 8081 / 8270C**	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	**SW-846 6020**	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	**SW-846 8081 / 8270C**	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	**SW-846 6020**	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	**SW-846 8081 / 8270C**	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	**SW-846 6020**	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	

00005

11-4	S1-SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611057-06
	S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		07
	S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		08
	S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank	09
	S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank	
	S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		10
	S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FD11040602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		0611056-10
	S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		11
	S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		12
	S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		13
	S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		14
	S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		15
	S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-5	S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		16
	S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		17
	S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		18
	S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		19
	S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		20
	S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		21
	S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		22
	S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		23
	S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		24
	S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	25
	S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		26
	S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
90000	S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		27
	S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		28
	S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		

11-5	S2-SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	061056 - 29	
	S2-SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	061057 - 11	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		13
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		14
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		15
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		16
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	061056 - 31	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By: John Wright	Date: 11/06/2006	Time: 17:00	Received By: Federal Express	Date: 11/06/2006	Time: 17:00
2. Relinquished By:	Date:	Time:	Received By: Andy Barton	Date: 11/7/06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

40000

Comments: 30

FORM 2
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Level: (low/med) LOW

	CLIENT SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	SBLK1110BS1	79	79	83	81	90	97			0
02	SBLK1110BS1L	70	76	70	75	97	96			0
03	SBLK1110BS1L	81	83	84	81	99	103			0
04	SBLK1113BS1	83	80	86	88	99	108			0
05	SBLK1113BS1L	81	84	78	80	105	112*			1
06	S1-SD-01-00-	70D	75D	61D	79D	83D	93D			0
07	S1-SD-02-00-	86D	93D	73D	102D	79D	96D			0
08	S1-SD-08-00-	64D	73D	76D	82D	82D	95D			0
09	S2-SS-09-00-	86D	98D	89D	90D	100D	108D			0
10	SBLK1114BS1	64	69	66	70	82	108			0
11	SBLK1114BS1L	63	67	76	77	106	112*			1
12	S1-SD-01-00-	66	74	65	75	110	141*			1
13	S1-SD-02-00-	75	80	78	82	105	126*			1
14	S1-SD-03-00-	77	82	78	73	93	108			0
15	S1-SD-04-00-	78	77	82	75	101	90			0
16	S1-SD-05-00-	73	77	74	72	90	83			0
17	S1-SD-06-00-	64	63	66	57	81	72			0
18	S1-SD-07-00-	66	74	70	76	90	84			0
19	S1-SD-08-00-	0D	0D	0D	0D	0D	0D			0
20	S1-SD-09-00-	73	80	73	74	88	94			0
21	S1FD11040602	61	69	68	62	92	88			0
22	S2-SS-01-00-	77	84	83	77	96	97			0
23	S2-SS-02-00-	82	84	79	79	100	92			0
24	S2-SS-03-00-	79	81	83	83	104	88			0
25	S2-SS-04-00-	78	81	82	77	91	101			0
26	S2-SS-05-00-	82	86	83	92	103	90			0
27	S2-SS-06-00-	77	79	76	79	99	107			0
28	S2-SS-07-00-	76	81	82	78	105	107			0
29	S2-SS-09-00-	83	89	92	88	108	111*			1
30	S2-SS-10-00-	75	75	77	82	99	90			0

		EL QC LIMITS	SPIKE CONC (UG/KG)
S1 (2FP)	= 2-Fluorophenol	(30-110)	6700
S2 (PHL)	= Phenol-d6	(30-110)	6700
S3 (NBZ)	= Nitrobenzene-d5	(30-110)	3300
S4 (FBP)	= 2-Fluorobiphenyl	(35-110)	3300
S5 (TBP)	= 2,4,6-Tribromophenol	(45-110)	6700
S6 (TPH)	= Terphenyl-d14	(55-110)	3300

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate results reported from a diluted analysis

FORM 2
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Level: (low/med) LOW

	CLIENT SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	S7 #	S8 #	TOT OUT
01	S2-SS-11-00-	70	77	81	80	102	98			0
02	S2-SS-12-00-	66	75	73	74	107	91			0
03	S2-SS-13-00-	70	74	75	80	96	94			0
04	S2-SS-14-00-	74	84	79	82	109	94			0
05	S2-SS-15-00-	68	76	74	77	92	100			0
06	S2-SS-15-00-	75	73	80	71	83	110			0
07	S2-SS-15-00-	75	74	83	73	89	94			0
08	S2-SS-16-00-	57	65	57	65	93	95			0
09	S2-SS-17-00-	54	64	56	61	94	90			0
10	S2-SS-18-00-	71	77	68	74	104	96			0
11	S2-SS-19-00-	61	65	65	71	94	91			0
12	S2-SS-20-00-	66	73	63	82	101	96			0
13	S2-SS-20-00-MS	56	59	60	62	104	114*			1
14	S2-SS-20-00-MSD	20*	30	16*	40	102	125*			3
15	S2-SS-21-00-	67	83	81	80	104	120*			1
16	S2-SS-22-00-	66	74	70	74	109	128*			1
17	S2FD11050601	73	77	85	75	102	102			0
18	S5-SD-01-00-	56	64	62	63	94	121*			1
19	S5-SD-02-00-	62	64	71	56	98	117*			1
20	S5-SD-03-00-	53	57	54	52	100	137*			1
21	S5-SD-04-00-	58	66	65	66	109	136*			1
22	S5-SD-05-00-	61	65	65	73	97	111*			1
23	S5FD11060602	75	81	77	68	108	117*			1
24	S2-SS-08-00-	59	66	61	65	90	136*			1
25										
26										
27										
28										
29										
30										

	EL QC LIMITS	SPIKE CONC (UG/KG)
S1 (2FP) = 2-Fluorophenol	(30-110)	6700
S2 (PHL) = Phenol-d6	(30-110)	6700
S3 (NBZ) = Nitrobenzene-d5	(30-110)	3300
S4 (FBP) = 2-Fluorobiphenyl	(35-110)	3300
S5 (TBP) = 2,4,6-Tribromophenol	(45-110)	6700
S6 (TPH) = Terphenyl-d14	(55-110)	3300

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate results reported from a diluted analysis

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
Acenaphthene	3627	0.0000	2520	69	45-110
Acenaphthylene	3627	0.0000	3000	83	50-105
Acetophenone	3627	0.0000	3227	89	35-110
Aniline	3627	0.0000	2145	59	10-110
Anthracene	3627	0.0000	2981	82	55-105
Benzoic acid	3627	0.0000	1176	32	10-110
Benzo(a)anthracene	3627	0.0000	2973	82	60-110
Benzo(b)fluoranthene	3627	0.0000	3391	93	55-115
Benzo(k)fluoranthene	3627	0.0000	3331	92	55-110
Benzo(g,h,i)perylene	3627	0.0000	2097	58	35-135
Benzo(a)pyrene	3627	0.0000	3605	99	60-120
Benzyl alcohol	3627	0.0000	2774	76	10-110
bis(2-Chloroethoxy)meth	3627	0.0000	2605	72	35-110
bis(2-Chloroethyl)ether	3627	0.0000	2293	63	25-110
bis(2-Chloroisopropyl)e	3627	0.0000	2524	70	20-110
Bis(2-ethylhexyl)phthal	3627	167.5	3803	100	60-115
4-Bromophenyl-phenyleth	3627	0.0000	2459	68	45-110
Butylbenzylphthalate	3627	0.0000	3886	107	60-115
4-Chloroaniline	3627	0.0000	2266	62	25-120
4-Chloro-3-methylphenol	3627	0.0000	2933	81	40-105
2-Chloronaphthalene	3627	0.0000	2687	74	45-110
2-Chlorophenol	3627	0.0000	2660	73	35-110
4-Chlorophenyl-phenylet	3627	0.0000	2938	81	40-105
Chrysene	3627	0.0000	2935	81	55-105
Dibenz(a,h)anthracene	3627	0.0000	2500	69	40-130
Dibenzofuran	3627	0.0000	2490	69	50-110
3,3'-Dichlorobenzidine	3627	0.0000	3178	88	50-140
1,4-Dichlorobenzene	3627	0.0000	2279	63	25-110

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3627	0.0000	2316	64	30-110
1,3-Dichlorobenzene	3627	0.0000	2222	61	25-110
2,4-Dichlorophenol	3627	0.0000	2735	75	40-110
Diethylphthalate	3627	0.0000	3159	87	55-110
2,4-Dimethylphenol	3627	0.0000	2854	79	35-110
Dimethylphthalate	3627	0.0000	2635	73	50-110
Di-n-butylphthalate	3627	0.0000	2972	82	60-105
4,6-Dinitro-2-methylphe	3627	0.0000	1960	54	10-130
2,4-Dinitrophenol	3627	0.0000	1760	48	10-105
2,4-Dinitrotoluene	3627	0.0000	2684	74	50-105
2,6-Dinitrotoluene	3627	0.0000	2676	74	55-105
Di-n-octylphthalate	3627	0.0000	5390	149*	50-125
Fluoranthene	3627	0.0000	2548	70	55-110
Fluorene	3627	0.0000	2777	76	50-105
Hexachlorobenzene	3627	0.0000	2767	76	55-105
Hexachlorobutadiene	3627	0.0000	2534	70	30-110
Hexachlorocyclopentadie	3627	0.0000	701.6	19	10-110
Hexachloroethane	3627	0.0000	1721	47	25-110
Indeno(1,2,3-cd)pyrene	3627	0.0000	2440	67	40-130
Isophorone	3627	0.0000	2629	72	35-110
2-Methylnaphthalene	3627	0.0000	2560	70	40-110
4-Methylphenol	3627	0.0000	2918	80	40-105
Naphthalene	3627	0.0000	2483	68	30-110
2-Methylphenol	3627	0.0000	2791	77	35-110
2-Nitroaniline	3627	0.0000	2727	75	45-120
3-Nitroaniline	3627	0.0000	3317	91	50-130
4-Nitroaniline	3627	0.0000	4681	129	25-175
Nitrobenzene	3627	0.0000	2649	73	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
2-Nitrophenol	3627	0.0000	2758	76	35-110
4-Nitrophenol	3627	0.0000	3023	83	40-125
N-Nitroso-di-methylamin	3627	0.0000	2233	62	10-110
N-Nitrosodiphenylamine	3627	0.0000	2994	82	55-110
N-Nitroso-di-n-prop.(1)	3627	0.0000	2762	76	30-110
Pentachlorophenol	3627	0.0000	1044	29*	35-125
Phenanthrene	3627	0.0000	2861	79	55-105
Phenol	3627	0.0000	2362	65	30-110
Pyrene	3627	0.0000	3685	102	55-115
Pyridine	3627	0.0000	1418	39	10-110
1,2,4-Trichlorobenzene	3627	0.0000	2426	67	30-110
2,4,5-Trichlorophenol	3627	0.0000	2907	80	50-105
2,4,6-Trichlorophenol	3627	0.0000	2879	79	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	3627	2397	66	5	50	45-110
Acenaphthylene	3627	3035	84	1	50	50-105
Acetophenone	3627	3101	85	4	50	35-110
Aniline	3627	2320	64	8	50	10-110
Anthracene	3627	3163	87	6	50	55-105
Benzoic acid	3627	1309	36	11	50	10-110
Benzo(a)anthracene	3627	2876	79	3	50	60-110
Benzo(b)fluoranthene	3627	3636	100	7	50	55-115
Benzo(k)fluoranthene	3627	3610	100	8	50	55-110
Benzo(g,h,i)perylene	3627	1754	48	18	50	35-135
Benzo(a)pyrene	3627	3311	91	8	50	60-120
Benzyl alcohol	3627	2899	80	4	50	10-110
bis(2-Chloroethoxy)meth	3627	2518	69	3	50	35-110
bis(2-Chloroethyl)ether	3627	2466	68	7	50	25-110
bis(2-Chloroisopropyl)e	3627	2547	70	1	50	20-110
Bis(2-ethylhexyl)phthal	3627	3459	91	9	50	60-115
4-Bromophenyl-phenyleth	3627	2567	71	4	50	45-110
Butylbenzylphthalate	3627	3128	86	22	50	60-115
4-Chloroaniline	3627	2536	70	11	50	25-120
4-Chloro-3-methylphenol	3627	3224	89	9	50	40-105
2-Chloronaphthalene	3627	2627	72	2	50	45-110
2-Chlorophenol	3627	2811	78	6	50	35-110
4-Chlorophenyl-phenylet	3627	2690	74	9	50	40-105
Chrysene	3627	2913	80	1	50	55-105
Dibenz(a,h)anthracene	3627	2354	65	6	50	40-130
Dibenzofuran	3627	2446	67	2	50	50-110
3,3'-Dichlorobenzidine	3627	3333	92	5	50	50-140
1,4-Dichlorobenzene	3627	2212	61	3	50	25-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	3627	2268	62	2	50	30-110
1,3-Dichlorobenzene	3627	2141	59	4	50	25-110
2,4-Dichlorophenol	3627	2856	79	4	50	40-110
Diethylphthalate	3627	3004	83	5	50	55-110
2,4-Dimethylphenol	3627	2687	74	6	50	35-110
Dimethylphthalate	3627	2602	72	1	50	50-110
Di-n-butylphthalate	3627	3192	88	7	50	60-105
4,6-Dinitro-2-methylphe	3627	2297	63	16	50	10-130
2,4-Dinitrophenol	3627	2078	57	16	50	10-105
2,4-Dinitrotoluene	3627	2620	72	2	50	50-105
2,6-Dinitrotoluene	3627	2744	76	2	50	55-105
Di-n-octylphthalate	3627	5293	146*	2	50	50-125
Fluoranthene	3627	2946	81	14	50	55-110
Fluorene	3627	2676	74	4	50	50-105
Hexachlorobenzene	3627	2776	76	0	50	55-105
Hexachlorobutadiene	3627	2852	79	12	50	30-110
Hexachlorocyclopentadie	3627	832.9	23	17	50	10-110
Hexachloroethane	3627	1773	49	3	50	25-110
Indeno(1,2,3-cd)pyrene	3627	2266	62	7	50	40-130
Isophorone	3627	2558	70	3	50	35-110
2-Methylnaphthalene	3627	2659	73	4	50	40-110
4-Methylphenol	3627	2943	81	1	50	40-105
Naphthalene	3627	2536	70	2	50	30-110
2-Methylphenol	3627	2811	78	1	50	35-110
2-Nitroaniline	3627	2778	76	2	50	45-120
3-Nitroaniline	3627	3273	90	1	50	50-130
4-Nitroaniline	3627	4716	130	1	50	25-175
Nitrobenzene	3627	2630	72	1	50	30-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Nitrophenol	3627	2788	77	1	50	35-110
4-Nitrophenol	3627	3219	89	6	50	40-125
N-Nitroso-di-methylamin	3627	2282	63	2	50	10-110
N-Nitrosodiphenylamine	3627	3138	86	5	50	55-110
N-Nitroso-di-n-prop.(1)	3627	2745	76	1	50	30-110
Pentachlorophenol	3627	1190	33*	13	50	35-125
Phenanthrene	3627	2848	78	0	50	55-105
Phenol	3627	2357	65	0	50	30-110
Pyrene	3627	3039	84	19	50	55-115
Pyridine	3627	1460	40	3	50	10-110
1,2,4-Trichlorobenzene	3627	2516	69	4	50	30-110
2,4,5-Trichlorophenol	3627	2820	78	3	50	50-105
2,4,6-Trichlorophenol	3627	2811	78	2	50	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 69 outside limits
Spike Recovery: 4 out of 138 outside limits

COMMENTS: _____

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
Acenaphthene	3997	0.0000	2943	74	45-110
Acenaphthylene	3997	0.0000	3229	81	50-105
Acetophenone	3997	0.0000	2541	64	35-110
Aniline	3997	0.0000	1425	36	10-110
Anthracene	3997	0.0000	4270	107*	55-105
Benzoic acid	3997	0.0000	2346	59	10-110
Benzo(a)anthracene	3997	0.0000	3987	100	60-110
Benzo(b)fluoranthene	3997	0.0000	5016	125*	55-115
Benzo(k)fluoranthene	3997	0.0000	4864	122*	55-110
Benzo(g,h,i)perylene	3997	0.0000	2102	52	35-135
Benzo(a)pyrene	3997	0.0000	4495	112	60-120
Benzyl alcohol	3997	0.0000	2416	60	10-110
bis(2-Chloroethoxy)meth	3997	0.0000	2389	60	35-110
bis(2-Chloroethyl)ether	3997	0.0000	1809	45	25-110
bis(2-Chloroisopropyl)e	3997	0.0000	2024	51	20-110
Bis(2-ethylhexyl)phthal	3997	0.0000	5018	126*	60-115
4-Bromophenyl-phenyleth	3997	0.0000	3113	78	45-110
Butylbenzylphthalate	3997	0.0000	4587	115	60-115
4-Chloroaniline	3997	0.0000	2155	54	25-120
4-Chloro-3-methylphenol	3997	0.0000	4101	103	40-105
2-Chloronaphthalene	3997	0.0000	2603	65	45-110
2-Chlorophenol	3997	0.0000	2242	56	35-110
4-Chlorophenyl-phenylet	3997	0.0000	3299	82	40-105
Chrysene	3997	0.0000	3954	99	55-105
Dibenz(a,h)anthracene	3997	0.0000	2642	66	40-130
Dibenzofuran	3997	0.0000	3019	76	50-110
3,3'-Dichlorobenzidine	3997	0.0000	3388	85	50-140
1,4-Dichlorobenzene	3997	0.0000	1668	42	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3997	0.0000	1801	45	30-110
1,3-Dichlorobenzene	3997	0.0000	1624	41	25-110
2,4-Dichlorophenol	3997	0.0000	2887	72	40-110
Diethylphthalate	3997	0.0000	3847	96	55-110
2,4-Dimethylphenol	3997	0.0000	2958	74	35-110
Dimethylphthalate	3997	0.0000	3190	80	50-110
Di-n-butylphthalate	3997	0.0000	4138	104	60-105
4,6-Dinitro-2-methylphe	3997	0.0000	3063	77	10-130
2,4-Dinitrophenol	3997	0.0000	2656	66	10-105
2,4-Dinitrotoluene	3997	0.0000	3738	94	50-105
2,6-Dinitrotoluene	3997	0.0000	3328	83	55-105
Di-n-octylphthalate	3997	0.0000	8683	217*	50-125
Fluoranthene	3997	0.0000	3884	97	55-110
Fluorene	3997	0.0000	3403	85	50-105
Hexachlorobenzene	3997	0.0000	3752	94	55-105
Hexachlorobutadiene	3997	0.0000	2212	55	30-110
Hexachlorocyclopentadie	3997	0.0000	444.1	11	10-110
Hexachloroethane	3997	0.0000	1342	34	25-110
Indeno(1,2,3-cd)pyrene	3997	0.0000	2580	64	40-130
Isophorone	3997	0.0000	2644	66	35-110
2-Methylnaphthalene	3997	0.0000	2564	64	40-110
4-Methylphenol	3997	0.0000	2993	75	40-105
Naphthalene	3997	0.0000	2142	54	30-110
2-Methylphenol	3997	0.0000	2648	66	35-110
2-Nitroaniline	3997	0.0000	3254	81	45-120
3-Nitroaniline	3997	0.0000	4395	110	50-130
4-Nitroaniline	3997	0.0000	6009	150	25-175
Nitrobenzene	3997	0.0000	2263	57	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
2-Nitrophenol	3997	0.0000	2361	59	35-110
4-Nitrophenol	3997	0.0000	4560	114	40-125
N-Nitroso-di-methylamin	3997	0.0000	1428	36	10-110
N-Nitrosodiphenylamine	3997	0.0000	4052	101	55-110
N-Nitroso-di-n-prop.(1)	3997	0.0000	2214	55	30-110
Pentachlorophenol	3997	0.0000	2831	71	35-125
Phenanthrene	3997	0.0000	3968	99	55-105
Phenol	3997	0.0000	2127	53	30-110
Pyrene	3997	0.0000	4193	105	55-115
Pyridine	3997	0.0000	788.7	20	10-110
1,2,4-Trichlorobenzene	3997	0.0000	2033	51	30-110
2,4,5-Trichlorophenol	3997	0.0000	3889	97	50-105
2,4,6-Trichlorophenol	3997	0.0000	3592	90	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	4023	2275	56	26	50	45-110
Acenaphthylene	4023	2449	61	27	50	50-105
Acetophenone	4023	753.4	19*	108*	50	35-110
Aniline	4023	645.1	16	75*	50	10-110
Anthracene	4023	3722	92	14	50	55-105
Benzoic acid	4023	2567	64	9	50	10-110
Benzo(a)anthracene	4023	4013	100	1	50	60-110
Benzo(b)fluoranthene	4023	4797	119*	4	50	55-115
Benzo(k)fluoranthene	4023	4717	117*	3	50	55-110
Benzo(g,h,i)perylene	4023	2412	60	14	50	35-135
Benzo(a)pyrene	4023	4568	114	2	50	60-120
Benzyl alcohol	4023	1051	26	79*	50	10-110
bis(2-Chloroethoxy)meth	4023	904.3	22*	90*	50	35-110
bis(2-Chloroethyl)ether	4023	434.4	11*	122*	50	25-110
bis(2-Chloroisopropyl)e	4023	660.8	16*	102*	50	20-110
Bis(2-ethylhexyl)phthal	4023	4969	124*	1	50	60-115
4-Bromophenyl-phenyleth	4023	2992	74	4	50	45-110
Butylbenzylphthalate	4023	4943	123*	7	50	60-115
4-Chloroaniline	4023	1558	39	32	50	25-120
4-Chloro-3-methylphenol	4023	3387	84	19	50	40-105
2-Chloronaphthalene	4023	1669	41*	44	50	45-110
2-Chlorophenol	4023	907.4	22*	85*	50	35-110
4-Chlorophenyl-phenylet	4023	2914	72	12	50	40-105
Chrysene	4023	3767	94	5	50	55-105
Dibenz(a,h)anthracene	4023	2873	71	8	50	40-130
Dibenzofuran	4023	2503	62	19	50	50-110
3,3'-Dichlorobenzidine	4023	3324	83	2	50	50-140
1,4-Dichlorobenzene	4023	278.6	7*	143*	50	25-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	4023	371.4	9*	132*	50	30-110
1,3-Dichlorobenzene	4023	262.5	6*	144*	50	25-110
2,4-Dichlorophenol	4023	2185	54	28	50	40-110
Diethylphthalate	4023	3632	90	6	50	55-110
2,4-Dimethylphenol	4023	2022	50	38	50	35-110
Dimethylphthalate	4023	2780	69	14	50	50-110
Di-n-butylphthalate	4023	4082	101	1	50	60-105
4,6-Dinitro-2-methylphe	4023	2544	63	18	50	10-130
2,4-Dinitrophenol	4023	2308	57	14	50	10-105
2,4-Dinitrotoluene	4023	3610	90	3	50	50-105
2,6-Dinitrotoluene	4023	2953	73	12	50	55-105
Di-n-octylphthalate	4023	9286	231*	7	50	50-125
Fluoranthene	4023	3587	89	8	50	55-110
Fluorene	4023	2956	73	14	50	50-105
Hexachlorobenzene	4023	3503	87	7	50	55-105
Hexachlorobutadiene	4023	947.2	24*	80*	50	30-110
Hexachlorocyclopentadie	4023	257.3	6*	53*	50	10-110
Hexachloroethane	4023	443.8	11*	100*	50	25-110
Indeno(1,2,3-cd)pyrene	4023	2839	70	10	50	40-130
Isophorone	4023	1562	39	51*	50	35-110
2-Methylnaphthalene	4023	1323	33*	64*	50	40-110
4-Methylphenol	4023	1853	46	47	50	40-105
Naphthalene	4023	820.1	20*	89*	50	30-110
2-Methylphenol	4023	1464	36	58*	50	35-110
2-Nitroaniline	4023	3021	75	7	50	45-120
3-Nitroaniline	4023	4120	102	6	50	50-130
4-Nitroaniline	4023	6058	150	1	50	25-175
Nitrobenzene	4023	617.9	15*	114*	50	30-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Nitrophenol	4023	781.2	19*	100*	50	35-110
4-Nitrophenol	4023	4484	111	2	50	40-125
N-Nitroso-di-methylamin	4023	385.5	10	115*	50	10-110
N-Nitrosodiphenylamine	4023	3822	95	6	50	55-110
N-Nitroso-di-n-prop.(1)	4023	1024	25*	74*	50	30-110
Pentachlorophenol	4023	2672	66	6	50	35-125
Phenanthrene	4023	3771	94	5	50	55-105
Phenol	4023	1061	26*	67*	50	30-110
Pyrene	4023	4510	112	7	50	55-115
Pyridine	4023	236.8	6*	108*	50	10-110
1,2,4-Trichlorobenzene	4023	678.7	17*	100*	50	30-110
2,4,5-Trichlorophenol	4023	3679	91	6	50	50-105
2,4,6-Trichlorophenol	4023	3161	78	13	50	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 24 out of 69 outside limits
Spike Recovery: 30 out of 138 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1110BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: SSBL1110 Lab Sample ID: SBLK1110BS1

Instrument ID: BNA1 Date Extracted: 11/10/06

Matrix: (soil/water) SOIL Date Analyzed: 11/16/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 0653

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1110BS1L	SBLK1110BS1LCS	SSLC1110	11/16/06
02	SBLK1110BS1L	SBLK1110BS1LCS	SSLD1110	11/16/06
03	S1-SD-01-00-	0611056-01	1105601D	11/17/06
04	S1-SD-02-00-	0611056-02	1105602D	11/17/06
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1110BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1110

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
83-32-9	Acenaphthene	40	330		U
208-96-8	Acenaphthylene	40	330		U
98-86-2	Acetophenone	100	330		U
53-96-3	2-Acetylaminofluorene	100	330		U
92-67-1	4-Aminobiphenyl	100	330		U
62-53-3	Aniline	100	330		U
140-57-8	Aramite	100	330		U
120-12-7	Anthracene	40	330		U
65-85-0	Benzoic acid	100	1300		U
56-55-3	Benzo(a)anthracene	40	330		U
205-99-2	Benzo(b)fluoranthene	40	330		U
207-08-9	Benzo(k)fluoranthene	40	330		U
191-24-2	Benzo(g,h,i)perylene	40	330		U
50-32-8	Benzo(a)pyrene	40	330		U
100-51-6	Benzyl alcohol	100	330		U
111-91-1	bis(2-Chloroethoxy)methane	100	330		U
111-44-4	bis(2-Chloroethyl)ether	100	330		U
108-60-1	bis(2-Chloroisopropyl)ether	100	330		U
117-81-7	Bis(2-ethylhexyl)phthalate	100	330		U
101-55-3	4-Bromophenyl-phenylether	100	330		U
85-68-7	Butylbenzylphthalate	100	330		U
106-47-8	4-Chloroaniline	100	330		U
510-15-6	Chlorobenzilate	100	330		U
59-50-7	4-Chloro-3-methylphenol	100	330		U
91-58-7	2-Chloronaphthalene	100	330		U
95-57-8	2-Chlorophenol	100	330		U
7005-72-3	4-Chlorophenyl-phenylether	100	330		U
218-01-9	Chrysene	40	330		U
2303-16-4	Diallate	100	330		U
53-70-3	Dibenz(a,h)anthracene	40	330		U
132-64-9	Dibenzofuran	100	330		U
91-94-1	3,3'-Dichlorobenzidine	150	330		U
106-46-7	1,4-Dichlorobenzene	100	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1110BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1110

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	100	330		U
541-73-1	1,3-Dichlorobenzene	100	330		U
120-83-2	2,4-Dichlorophenol	100	330		U
87-65-0	2,6-Dichlorophenol	100	330		U
84-66-2	Diethylphthalate	100	330		U
60-51-5	Dimethoate	100	330		U
60-11-7	p-(Dimethylamino)azobenzene	100	330		U
57-97-6	7,12-Dimethylbenz[a]anthrace	100	330		U
119-93-7	3,3'-Dimethylbenzidine	100	330		U
122-09-8	a,a-Dimethyl-phenethylamine	100	330		U
105-67-9	2,4-Dimethylphenol	100	1300		U
131-11-3	Dimethylphthalate	100	330		U
84-74-2	Di-n-butylphthalate	100	330		U
99-65-0	m-Dinitrobenzene	100	330		U
534-52-1	4,6-Dinitro-2-methylphenol	100	1300		U
51-28-5	2,4-Dinitrophenol	100	3300		U
121-14-2	2,4-Dinitrotoluene	100	330		U
606-20-2	2,6-Dinitrotoluene	100	330		U
88-85-7	Dinoseb	100	330		U
117-84-0	Di-n-octylphthalate	100	330		U
122-39-4	Diphenylamine	100	330		U
298-04-4	Disulfoton	100	330		U
62-50-0	Ethyl methanesulfonate	100	330		U
52-85-7	Famphur	100	330		U
206-44-0	Fluoranthene	40	330		U
86-73-7	Fluorene	40	330		U
118-74-1	Hexachlorobenzene	100	330		U
87-68-3	Hexachlorobutadiene	100	330		U
77-47-4	Hexachlorocyclopentadiene	100	330		U
67-72-1	Hexachloroethane	100	330		U
70-30-4	Hexachlorophene	100	670		U
1888-71-7	Hexachloropropene	100	330		U
193-39-5	Indeno(1,2,3-cd)pyrene	40	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1110BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1110

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	100	330		U
78-59-1	Isophorone	100	330		U
120-58-1	Isosafrole	100	330		U
143-50-0	Kepone	100	330		U
91-80-5	Methapyrilene	100	330		U
56-49-5	3-Methylcholanthrene	100	330		U
66-27-3	Methyl methanesulfonate	100	330		U
91-57-6	2-Methylnaphthalene	40	330		U
298-00-0	Methyl parathion	100	330		U
106-44-5	4-Methylphenol	100	330		U
91-20-3	Naphthalene	40	330		U
95-48-7	2-Methylphenol	100	330		U
108-39-4	3-Methylphenol	100	330		U
130-15-4	1,4-Naphthoquinone	100	330		U
134-32-7	1-Naphthylamine	100	330		U
91-59-8	2-Naphthylamine	100	330		U
88-74-4	2-Nitroaniline	100	1300		U
99-09-2	3-Nitroaniline	100	1300		U
100-01-6	4-Nitroaniline	100	1300		U
98-95-3	Nitrobenzene	100	330		U
88-75-5	2-Nitrophenol	100	330		U
100-02-7	4-Nitrophenol	100	1300		U
56-57-5	4-Nitroquinoline-1-oxide	100	330		U
924-16-3	N-Nitrosodi-n-butylamine	100	330		U
55-18-5	N-Nitrosodiethylamine	100	330		U
62-75-9	N-Nitroso-di-methylamine	100	330		U
86-30-6	N-Nitrosodiphenylamine (1)	100	330		U
621-64-7	N-Nitroso-di-n-propylamine	100	330		U
10595-95-6	N-Nitrosomethylethylamine	100	330		U
59-89-2	N-Nitrosomorpholine	100	330		U
100-75-4	N-Nitrosopiperidine	100	330		U
930-55-2	N-Nitrosopyrrolidine	100	330		U
99-55-8	5-Nitro-o-toluidine	100	330		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1110BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1110

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	100	330		U
608-93-5	Pentachlorobenzene	100	330		U
76-01-7	Pentachloroethane	100	330		U
82-68-8	Pentachloronitrobenzene	100	330		U
87-86-5	Pentachlorophenol	100	1300		U
62-44-2	Phenacetin	100	330		U
85-01-8	Phenanthrene	40	330		U
108-95-2	Phenol	100	330		U
106-50-3	p-Phenylenediamine	100	330		U
298-02-2	Phorate	100	330		U
109-06-8	2-Picoline	100	330		U
23950-58-5	Pronamide	100	330		U
129-00-0	Pyrene	40	330		U
110-86-1	Pyridine	100	1300		U
94-59-7	Safrole	100	330		U
3689-24-5	Sulfotepp	100	330		U
95-94-3	1,2,4,5-Tetrachlorobenzene	100	330		U
58-90-2	2,3,4,6-Tetrachlorophenol	100	330		U
297-97-2	Thionazin	100	330		U
95-53-4	o-Toluidine	100	330		U
120-82-1	1,2,4-Trichlorobenzene	100	330		U
95-95-4	2,4,5-Trichlorophenol	100	330		U
88-06-2	2,4,6-Trichlorophenol	100	330		U
126-68-1	O,O,O-Triethylphosphorothioa	100	330		U
99-35-4	sym-Trinitrobenzene	100	330		U

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Acenaphthene	3333	0.0000	2354	71	45-110
Acenaphthylene	3333	0.0000	2906	87	50-105
Acetophenone	3333	0.0000	4646	139*	35-110
Aniline	3333	0.0000	3021	91	10-110
Anthracene	3333	0.0000	2989	90	55-105
Benzoic acid	3333	0.0000	320.9	10	10-110
Benzo(a)anthracene	3333	0.0000	2922	88	60-110
Benzo(b)fluoranthene	3333	0.0000	2946	88	55-115
Benzo(k)fluoranthene	3333	0.0000	3033	91	55-110
Benzo(g,h,i)perylene	3333	0.0000	2957	89	35-135
Benzo(a)pyrene	3333	0.0000	3193	96	60-120
Benzyl alcohol	3333	0.0000	2696	81	10-110
bis(2-Chloroethoxy)meth	3333	0.0000	2262	68	35-110
bis(2-Chloroethyl)ether	3333	0.0000	2170	65	25-110
bis(2-Chloroisopropyl)e	3333	0.0000	2222	67	20-110
Bis(2-ethylhexyl)phthal	3333	0.0000	2627	79	60-115
4-Bromophenyl-phenyleth	3333	0.0000	2432	73	45-110
Butylbenzylphthalate	3333	0.0000	3031	91	60-115
4-Chloroaniline	3333	0.0000	2405	72	25-120
4-Chloro-3-methylphenol	3333	0.0000	2855	86	40-105
2-Chloronaphthalene	3333	0.0000	2393	72	45-110
2-Chlorophenol	3333	0.0000	2459	74	35-110
4-Chlorophenyl-phenylet	3333	0.0000	2612	78	40-105
Chrysene	3333	0.0000	3048	91	55-105
Dibenz(a,h)anthracene	3333	0.0000	2872	86	40-130
Dibenzofuran	3333	0.0000	2330	70	50-110
3,3'-Dichlorobenzidine	3333	0.0000	3277	98	50-140
1,4-Dichlorobenzene	3333	0.0000	1973	59	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3333	0.0000	2064	62	30-110
1,3-Dichlorobenzene	3333	0.0000	1910	57	25-110
2,4-Dichlorophenol	3333	0.0000	2441	73	40-110
Diethylphthalate	3333	0.0000	2963	89	55-110
2,4-Dimethylphenol	3333	0.0000	2237	67	35-110
Dimethylphthalate	3333	0.0000	2746	82	50-110
Di-n-butylphthalate	3333	0.0000	3033	91	60-105
4,6-Dinitro-2-methylphe	3333	0.0000	1700	51	10-130
2,4-Dinitrophenol	3333	0.0000	737.4	22	10-105
2,4-Dinitrotoluene	3333	0.0000	2855	86	50-105
2,6-Dinitrotoluene	3333	0.0000	2560	77	55-105
Di-n-octylphthalate	3333	0.0000	2935	88	50-125
Fluoranthene	3333	0.0000	2892	87	55-110
Fluorene	3333	0.0000	2645	79	50-105
Hexachlorobenzene	3333	0.0000	2696	81	55-105
Hexachlorobutadiene	3333	0.0000	2191	66	30-110
Hexachlorocyclopentadie	3333	0.0000	1874	56	10-110
Hexachloroethane	3333	0.0000	1988	60	25-110
Indeno(1,2,3-cd)pyrene	3333	0.0000	2833	85	40-130
Isophorone	3333	0.0000	2329	70	35-110
2-Methylnaphthalene	3333	0.0000	2255	68	40-110
4-Methylphenol	3333	0.0000	2684	80	40-105
Naphthalene	3333	0.0000	2094	63	30-110
2-Methylphenol	3333	0.0000	2521	76	35-110
2-Nitroaniline	3333	0.0000	2495	75	45-120
3-Nitroaniline	3333	0.0000	3431	103	50-130
4-Nitroaniline	3333	0.0000	4449	133	25-175
Nitrobenzene	3333	0.0000	2153	64	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
2-Nitrophenol	3333	0.0000	2424	73	35-110
4-Nitrophenol	3333	0.0000	2475	74	40-125
N-Nitroso-di-methylamin	3333	0.0000	1920	58	10-110
N-Nitrosodiphenylamine	3333	0.0000	3250	98	55-110
N-Nitroso-di-n-prop.(1)	3333	0.0000	2337	70	30-110
Pentachlorophenol	3333	0.0000	1998	60	35-125
Phenanthrene	3333	0.0000	2836	85	55-105
Phenol	3333	0.0000	2346	70	30-110
Pyrene	3333	0.0000	3248	97	55-115
Pyridine	3333	0.0000	1287	39	10-110
1,2,4-Trichlorobenzene	3333	0.0000	2021	61	30-110
2,4,5-Trichlorophenol	3333	0.0000	2644	79	50-105
2,4,6-Trichlorophenol	3333	0.0000	2677	80	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	3333	2704	81	14	50	45-110
Acenaphthylene	3333	3362	101	14	50	50-105
Acetophenone	3333	3272	98	35	50	35-110
Aniline	3333	3357	101	10	50	10-110
Anthracene	3333	3493	105	16	50	55-105
Benzoic acid	3333	259.5	8*	21	50	10-110
Benzo(a)anthracene	3333	3140	94	7	50	60-110
Benzo(b)fluoranthene	3333	2920	88	1	50	55-115
Benzo(k)fluoranthene	3333	3104	93	2	50	55-110
Benzo(g,h,i)perylene	3333	3217	96	8	50	35-135
Benzo(a)pyrene	3333	3398	102	6	50	60-120
Benzyl alcohol	3333	3104	93	14	50	10-110
bis(2-Chloroethoxy)meth	3333	2534	76	11	50	35-110
bis(2-Chloroethyl)ether	3333	2624	79	19	50	25-110
bis(2-Chloroisopropyl)e	3333	2475	74	11	50	20-110
Bis(2-ethylhexyl)phthal	3333	3113	93	17	50	60-115
4-Bromophenyl-phenyleth	3333	2668	80	9	50	45-110
Butylbenzylphthalate	3333	3260	98	7	50	60-115
4-Chloroaniline	3333	2694	81	11	50	25-120
4-Chloro-3-methylphenol	3333	2861	86	0	50	40-105
2-Chloronaphthalene	3333	2742	82	14	50	45-110
2-Chlorophenol	3333	2780	83	12	50	35-110
4-Chlorophenyl-phenylet	3333	2872	86	9	50	40-105
Chrysene	3333	3385	102	10	50	55-105
Dibenz(a,h)anthracene	3333	3163	95	10	50	40-130
Dibenzofuran	3333	2958	89	24	50	50-110
3,3'-Dichlorobenzidine	3333	3759	113	14	50	50-140
1,4-Dichlorobenzene	3333	2250	68	13	50	25-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	3333	2483	74	18	50	30-110
1,3-Dichlorobenzene	3333	2314	69	19	50	25-110
2,4-Dichlorophenol	3333	2663	80	9	50	40-110
Diethylphthalate	3333	3361	101	12	50	55-110
2,4-Dimethylphenol	3333	2329	70	4	50	35-110
Dimethylphthalate	3333	2830	85	3	50	50-110
Di-n-butylphthalate	3333	3348	100	10	50	60-105
4,6-Dinitro-2-methylphe	3333	1498	45	13	50	10-130
2,4-Dinitrophenol	3333	636.3	19	15	50	10-105
2,4-Dinitrotoluene	3333	3299	99	14	50	50-105
2,6-Dinitrotoluene	3333	2940	88	14	50	55-105
Di-n-octylphthalate	3333	3166	95	8	50	50-125
Fluoranthene	3333	3287	99	13	50	55-110
Fluorene	3333	2906	87	9	50	50-105
Hexachlorobenzene	3333	3074	92	13	50	55-105
Hexachlorobutadiene	3333	2404	72	9	50	30-110
Hexachlorocyclopentadie	3333	2877	86	42	50	10-110
Hexachloroethane	3333	2403	72	19	50	25-110
Indeno(1,2,3-cd)pyrene	3333	3236	97	13	50	40-130
Isophorone	3333	2526	76	8	50	35-110
2-Methylnaphthalene	3333	2512	75	11	50	40-110
4-Methylphenol	3333	3138	94	16	50	40-105
Naphthalene	3333	2525	76	19	50	30-110
2-Methylphenol	3333	2763	83	9	50	35-110
2-Nitroaniline	3333	2959	89	17	50	45-120
3-Nitroaniline	3333	3887	117	12	50	50-130
4-Nitroaniline	3333	5090	153	13	50	25-175
Nitrobenzene	3333	2654	80	21	50	30-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1110BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Nitrophenol	3333	2602	78	7	50	35-110
4-Nitrophenol	3333	3019	90	20	50	40-125
N-Nitroso-di-methylamin	3333	2364	71	21	50	10-110
N-Nitrosodiphenylamine	3333	3386	102	4	50	55-110
N-Nitroso-di-n-prop.(1)	3333	2769	83	17	50	30-110
Pentachlorophenol	3333	1797	54	10	50	35-125
Phenanthrene	3333	3222	97	13	50	55-105
Phenol	3333	2360	71	0	50	30-110
Pyrene	3333	3086	92	5	50	55-115
Pyridine	3333	1755	53	31	50	10-110
1,2,4-Trichlorobenzene	3333	2339	70	14	50	30-110
2,4,5-Trichlorophenol	3333	3242	97	20	50	50-105
2,4,6-Trichlorophenol	3333	2944	88	10	50	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 69 outside limits
Spike Recovery: 2 out of 138 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1113BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: SSBL1113 Lab Sample ID: SBLK1113BS1

Instrument ID: BNA1 Date Extracted: 11/13/06

Matrix: (soil/water) SOIL Date Analyzed: 11/17/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1014

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1113BS1L	SBLK1113BS1LCS	SSLC1113	11/17/06
02	S1-SD-08-00-	0611056-08	1105608D	11/17/06
03	S2-SS-09-00-	0611056-19	1105619D	11/18/06
04	S1-SD-07-00-	0611056-07	1105607	11/29/06
05	S1-SD-08-00-	0611056-08	1105608D	11/29/06
06	S1-SD-09-00-	0611056-09	1105609	11/29/06
07	S1FD11040602	0611056-10	1105610	11/29/06
08	S2-SS-01-00-	0611056-11	1105611	11/29/06
09	S2-SS-02-00-	0611056-12	1105612	11/29/06
10	S2-SS-03-00-	0611056-13	1105613	11/29/06
11	S2-SS-04-00-	0611056-14	1105614	11/29/06
12	S2-SS-05-00-	0611056-15	1105615	11/29/06
13	S2-SS-06-00-	0611056-16	1105616	11/29/06
14	S2-SS-07-00-	0611056-17	1105617	12/01/06
15	S2-SS-09-00-	0611056-19	1105619	12/01/06
16	S2-SS-10-00-	0611056-20	1105620	12/01/06
17	S2-SS-11-00-	0611056-21	1105621	12/01/06
18	S2-SS-12-00-	0611056-22	1105622	12/01/06
19	S2-SS-13-00-	0611056-23	1105623	12/01/06
20	S2-SS-14-00-	0611056-24	1105624	12/01/06
21	S2-SS-15-00-	0611056-25	1105625	12/01/06
22	S2-SS-15-00-	0611056-25	1105625M	12/01/06
23	S2-SS-15-00-	0611056-25	1105625S	12/01/06
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1113BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1113BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1113

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 10:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	40	330		U
208-96-8	Acenaphthylene	40	330		U
98-86-2	Acetophenone	100	330		U
53-96-3	2-Acetylaminofluorene	100	330		U
92-67-1	4-Aminobiphenyl	100	330		U
62-53-3	Aniline	100	330		U
140-57-8	Aramite	100	330		U
120-12-7	Anthracene	40	330		U
65-85-0	Benzoic acid	100	1300		U
56-55-3	Benzo(a)anthracene	40	330		U
205-99-2	Benzo(b)fluoranthene	40	330		U
207-08-9	Benzo(k)fluoranthene	40	330		U
191-24-2	Benzo(g,h,i)perylene	40	330		U
50-32-8	Benzo(a)pyrene	40	330		U
100-51-6	Benzyl alcohol	100	330		U
111-91-1	bis(2-Chloroethoxy)methane	100	330		U
111-44-4	bis(2-Chloroethyl)ether	100	330		U
108-60-1	bis(2-Chloroisopropyl)ether	100	330		U
117-81-7	Bis(2-ethylhexyl)phthalate	100	330		U
101-55-3	4-Bromophenyl-phenylether	100	330		U
85-68-7	Butylbenzylphthalate	100	330		U
106-47-8	4-Chloroaniline	100	330		U
510-15-6	Chlorobenzilate	100	330		U
59-50-7	4-Chloro-3-methylphenol	100	330		U
91-58-7	2-Chloronaphthalene	100	330		U
95-57-8	2-Chlorophenol	100	330		U
7005-72-3	4-Chlorophenyl-phenylether	100	330		U
218-01-9	Chrysene	40	330		U
2303-16-4	Diallate	100	330		U
53-70-3	Dibenz(a,h)anthracene	40	330		U
132-64-9	Dibenzofuran	100	330		U
91-94-1	3,3'-Dichlorobenzidine	150	330		U
106-46-7	1,4-Dichlorobenzene	100	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1113BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1113BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1113

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 10:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	100	330		U
541-73-1	1,3-Dichlorobenzene	100	330		U
120-83-2	2,4-Dichlorophenol	100	330		U
87-65-0	2,6-Dichlorophenol	100	330		U
84-66-2	Diethylphthalate	100	330		U
60-51-5	Dimethoate	100	330		U
60-11-7	p-(Dimethylamino)azobenzene	100	330		U
57-97-6	7,12-Dimethylbenz[a]anthrace	100	330		U
119-93-7	3,3'-Dimethylbenzidine	100	330		U
122-09-8	a,a-Dimethyl-phenethylamine	100	330		U
105-67-9	2,4-Dimethylphenol	100	1300		U
131-11-3	Dimethylphthalate	100	330		U
84-74-2	Di-n-butylphthalate	100	330		U
99-65-0	m-Dinitrobenzene	100	330		U
534-52-1	4,6-Dinitro-2-methylphenol	100	1300		U
51-28-5	2,4-Dinitrophenol	100	3300		U
121-14-2	2,4-Dinitrotoluene	100	330		U
606-20-2	2,6-Dinitrotoluene	100	330		U
88-85-7	Dinoseb	100	330		U
117-84-0	Di-n-octylphthalate	100	330		U
122-39-4	Diphenylamine	100	330		U
298-04-4	Disulfoton	100	330		U
62-50-0	Ethyl methanesulfonate	100	330		U
52-85-7	Famphur	100	330		U
206-44-0	Fluoranthene	40	330		U
86-73-7	Fluorene	40	330		U
118-74-1	Hexachlorobenzene	100	330		U
87-68-3	Hexachlorobutadiene	100	330		U
77-47-4	Hexachlorocyclopentadiene	100	330		U
67-72-1	Hexachloroethane	100	330		U
70-30-4	Hexachlorophene	100	670		U
1888-71-7	Hexachloropropene	100	330		U
193-39-5	Indeno(1,2,3-cd)pyrene	40	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1113BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1113BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1113

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 10:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	100	330		U
78-59-1	Isophorone	100	330		U
120-58-1	Isosafrole	100	330		U
143-50-0	Kepone	100	330		U
91-80-5	Methapyrilene	100	330		U
56-49-5	3-Methylcholanthrene	100	330		U
66-27-3	Methyl methanesulfonate	100	330		U
91-57-6	2-Methylnaphthalene	40	330		U
298-00-0	Methyl parathion	100	330		U
106-44-5	4-Methylphenol	100	330		U
91-20-3	Naphthalene	40	330		U
95-48-7	2-Methylphenol	100	330		U
108-39-4	3-Methylphenol	100	330		U
130-15-4	1,4-Naphthoquinone	100	330		U
134-32-7	1-Naphthylamine	100	330		U
91-59-8	2-Naphthylamine	100	330		U
88-74-4	2-Nitroaniline	100	1300		U
99-09-2	3-Nitroaniline	100	1300		U
100-01-6	4-Nitroaniline	100	1300		U
98-95-3	Nitrobenzene	100	330		U
88-75-5	2-Nitrophenol	100	330		U
100-02-7	4-Nitrophenol	100	1300		U
56-57-5	4-Nitroquinoline-1-oxide	100	330		U
924-16-3	N-Nitrosodi-n-butylamine	100	330		U
55-18-5	N-Nitrosodiethylamine	100	330		U
62-75-9	N-Nitroso-di-methylamine	100	330		U
86-30-6	N-Nitrosodiphenylamine (1)	100	330		U
621-64-7	N-Nitroso-di-n-propylamine	100	330		U
10595-95-6	N-Nitrosomethylethylamine	100	330		U
59-89-2	N-Nitrosomorpholine	100	330		U
100-75-4	N-Nitrosopiperidine	100	330		U
930-55-2	N-Nitrosopyrrolidine	100	330		U
99-55-8	5-Nitro-o-toluidine	100	330		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1113BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1113BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1113

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/13/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 10:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	100	330		U
608-93-5	Pentachlorobenzene	100	330		U
76-01-7	Pentachloroethane	100	330		U
82-68-8	Pentachloronitrobenzene	100	330		U
87-86-5	Pentachlorophenol	100	1300		U
62-44-2	Phenacetin	100	330		U
85-01-8	Phenanthrene	40	330		U
108-95-2	Phenol	100	330		U
106-50-3	p-Phenylenediamine	100	330		U
298-02-2	Phorate	100	330		U
109-06-8	2-Picoline	100	330		U
23950-58-5	Pronamide	100	330		U
129-00-0	Pyrene	40	330		U
110-86-1	Pyridine	100	1300		U
94-59-7	Safrole	100	330		U
3689-24-5	Sulfotepp	100	330		U
95-94-3	1,2,4,5-Tetrachlorobenzene	100	330		U
58-90-2	2,3,4,6-Tetrachlorophenol	100	330		U
297-97-2	Thionazin	100	330		U
95-53-4	o-Toluidine	100	330		U
120-82-1	1,2,4-Trichlorobenzene	100	330		U
95-95-4	2,4,5-Trichlorophenol	100	330		U
88-06-2	2,4,6-Trichlorophenol	100	330		U
126-68-1	O,O,O-Triethylphosphorothioa	100	330		U
99-35-4	sym-Trinitrobenzene	100	330		U

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1113BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Acenaphthene	3333	0.0000	2680	80	45-110
Acenaphthylene	3333	0.0000	3222	97	50-105
Acetophenone	3333	0.0000	3474	104	35-110
Aniline	3333	0.0000	3162	95	10-110
Anthracene	3333	0.0000	3361	101	55-105
Benzoic acid	3333	0.0000	832.9	25	10-110
Benzo(a)anthracene	3333	0.0000	3245	97	60-110
Benzo(b)fluoranthene	3333	0.0000	3679	110	55-115
Benzo(k)fluoranthene	3333	0.0000	3741	112*	55-110
Benzo(g,h,i)perylene	3333	0.0000	3109	93	35-135
Benzo(a)pyrene	3333	0.0000	4013	120	60-120
Benzyl alcohol	3333	0.0000	3081	92	10-110
bis(2-Chloroethoxy)meth	3333	0.0000	2697	81	35-110
bis(2-Chloroethyl)ether	3333	0.0000	2667	80	25-110
bis(2-Chloroisopropyl)e	3333	0.0000	2429	73	20-110
Bis(2-ethylhexyl)phthal	3333	0.0000	3040	91	60-115
4-Bromophenyl-phenyleth	3333	0.0000	2548	76	45-110
Butylbenzylphthalate	3333	0.0000	3365	101	60-115
4-Chloroaniline	3333	0.0000	2739	82	25-120
4-Chloro-3-methylphenol	3333	0.0000	3090	93	40-105
2-Chloronaphthalene	3333	0.0000	2657	80	45-110
2-Chlorophenol	3333	0.0000	2829	85	35-110
4-Chlorophenyl-phenylet	3333	0.0000	2936	88	40-105
Chrysene	3333	0.0000	3307	99	55-105
Dibenz(a,h)anthracene	3333	0.0000	3093	93	40-130
Dibenzofuran	3333	0.0000	2685	80	50-110
3,3'-Dichlorobenzidine	3333	0.0000	3408	102	50-140
1,4-Dichlorobenzene	3333	0.0000	2257	68	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1113BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3333	0.0000	2433	73	30-110
1,3-Dichlorobenzene	3333	0.0000	2278	68	25-110
2,4-Dichlorophenol	3333	0.0000	2798	84	40-110
Diethylphthalate	3333	0.0000	3383	102	55-110
2,4-Dimethylphenol	3333	0.0000	2439	73	35-110
Dimethylphthalate	3333	0.0000	3072	92	50-110
Di-n-butylphthalate	3333	0.0000	3259	98	60-105
4,6-Dinitro-2-methylphe	3333	0.0000	2150	64	10-130
2,4-Dinitrophenol	3333	0.0000	1076	32	10-105
2,4-Dinitrotoluene	3333	0.0000	3200	96	50-105
2,6-Dinitrotoluene	3333	0.0000	2973	89	55-105
Di-n-octylphthalate	3333	0.0000	4352	130*	50-125
Fluoranthene	3333	0.0000	3042	91	55-110
Fluorene	3333	0.0000	3006	90	50-105
Hexachlorobenzene	3333	0.0000	3034	91	55-105
Hexachlorobutadiene	3333	0.0000	2381	71	30-110
Hexachlorocyclopentadie	3333	0.0000	2044	61	10-110
Hexachloroethane	3333	0.0000	2328	70	25-110
Indeno(1,2,3-cd)pyrene	3333	0.0000	3238	97	40-130
Isophorone	3333	0.0000	2785	84	35-110
2-Methylnaphthalene	3333	0.0000	2556	77	40-110
4-Methylphenol	3333	0.0000	3117	94	40-105
Naphthalene	3333	0.0000	2404	72	30-110
2-Methylphenol	3333	0.0000	2687	81	35-110
2-Nitroaniline	3333	0.0000	2945	88	45-120
3-Nitroaniline	3333	0.0000	3855	116	50-130
4-Nitroaniline	3333	0.0000	4869	146	25-175
Nitrobenzene	3333	0.0000	2334	70	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1113BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
2-Nitrophenol	3333	0.0000	2631	79	35-110
4-Nitrophenol	3333	0.0000	2538	76	40-125
N-Nitroso-di-methylamin	3333	0.0000	2344	70	10-110
N-Nitrosodiphenylamine	3333	0.0000	3477	104	55-110
N-Nitroso-di-n-prop.(1)	3333	0.0000	2854	86	30-110
Pentachlorophenol	3333	0.0000	2169	65	35-125
Phenanthrene	3333	0.0000	3209	96	55-105
Phenol	3333	0.0000	2588	78	30-110
Pyrene	3333	0.0000	3658	110	55-115
Pyridine	3333	0.0000	1647	49	10-110
1,2,4-Trichlorobenzene	3333	0.0000	2444	73	30-110
2,4,5-Trichlorophenol	3333	0.0000	3083	92	50-105
2,4,6-Trichlorophenol	3333	0.0000	2890	87	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 2 out of 69 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1114BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: SSBL114 Lab Sample ID: SBLK1114BS1

Instrument ID: BNA1 Date Extracted: 11/14/06

Matrix: (soil/water) SOIL Date Analyzed: 11/18/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1709

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1114BS1L	SBLK1114BS1LCS	SSLC114	11/18/06
02	S2-SS-16-00-	0611056-26	1105626	12/01/06
03	S2-SS-17-00-	0611056-27	1105627	12/01/06
04	S2-SS-18-00-	0611056-28	1105628	12/01/06
05	S2-SS-19-00-	0611056-29	1105629	12/01/06
06	S2-SS-20-00-	0611056-30	1105630	12/01/06
07	S2-SS-20-00-	0611056-30	1105630M	12/01/06
08	S2-SS-20-00-	0611056-30	1105630S	12/01/06
09	S2-SS-21-00-	0611056-31	1105631	12/03/06
10	S2-SS-22-00-	0611056-32	1105632	12/03/06
11	S2FD11050601	0611056-33	1105633	12/03/06
12	S5-SD-01-00-	0611056-34	1105634	12/03/06
13	S5-SD-02-00-	0611056-35	1105635	12/03/06
14	S5-SD-03-00-	0611056-36	1105636	12/03/06
15	S5-SD-04-00-	0611056-37	1105637	12/03/06
16	S5-SD-05-00-	0611056-38	1105638	12/03/06
17	S5FD11060602	0611056-39	1105639	12/03/06
18	S2-SS-08-00-	0611056-18	1105618	12/03/06
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1114BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1114BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL114

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 17:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	40	330		U
208-96-8	Acenaphthylene	40	330		U
98-86-2	Acetophenone	100	330		U
53-96-3	2-Acetylaminofluorene	100	330		U
92-67-1	4-Aminobiphenyl	100	330		U
62-53-3	Aniline	100	330		U
140-57-8	Aramite	100	330		U
120-12-7	Anthracene	40	330		U
65-85-0	Benzoic acid	100	1300		U
56-55-3	Benzo(a)anthracene	40	330		U
205-99-2	Benzo(b)fluoranthene	40	330		U
207-08-9	Benzo(k)fluoranthene	40	330		U
191-24-2	Benzo(g,h,i)perylene	40	330		U
50-32-8	Benzo(a)pyrene	40	330		U
100-51-6	Benzyl alcohol	100	330		U
111-91-1	bis(2-Chloroethoxy)methane	100	330		U
111-44-4	bis(2-Chloroethyl)ether	100	330		U
108-60-1	bis(2-Chloroisopropyl)ether	100	330		U
117-81-7	Bis(2-ethylhexyl)phthalate	100	330		U
101-55-3	4-Bromophenyl-phenylether	100	330		U
85-68-7	Butylbenzylphthalate	100	330		U
106-47-8	4-Chloroaniline	100	330		U
510-15-6	Chlorobenzilate	100	330		U
59-50-7	4-Chloro-3-methylphenol	100	330		U
91-58-7	2-Chloronaphthalene	100	330		U
95-57-8	2-Chlorophenol	100	330		U
7005-72-3	4-Chlorophenyl-phenylether	100	330		U
218-01-9	Chrysene	40	330		U
2303-16-4	Diallate	100	330		U
53-70-3	Dibenz(a,h)anthracene	40	330		U
132-64-9	Dibenzofuran	100	330		U
91-94-1	3,3'-Dichlorobenzidine	150	330		U
106-46-7	1,4-Dichlorobenzene	100	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1114BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1114BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL114

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 17:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	100	330		U
541-73-1	1,3-Dichlorobenzene	100	330		U
120-83-2	2,4-Dichlorophenol	100	330		U
87-65-0	2,6-Dichlorophenol	100	330		U
84-66-2	Diethylphthalate	100	330		U
60-51-5	Dimethoate	100	330		U
60-11-7	p-(Dimethylamino)azobenzene	100	330		U
57-97-6	7,12-Dimethylbenz[a]anthrace	100	330		U
119-93-7	3,3'-Dimethylbenzidine	100	330		U
122-09-8	a,a-Dimethyl-phenethylamine	100	330		U
105-67-9	2,4-Dimethylphenol	100	1300		U
131-11-3	Dimethylphthalate	100	330		U
84-74-2	Di-n-butylphthalate	100	330		U
99-65-0	m-Dinitrobenzene	100	330		U
534-52-1	4,6-Dinitro-2-methylphenol	100	1300		U
51-28-5	2,4-Dinitrophenol	100	3300		U
121-14-2	2,4-Dinitrotoluene	100	330		U
606-20-2	2,6-Dinitrotoluene	100	330		U
88-85-7	Dinoseb	100	330		U
117-84-0	Di-n-octylphthalate	100	330		U
122-39-4	Diphenylamine	100	330		U
298-04-4	Disulfoton	100	330		U
62-50-0	Ethyl methanesulfonate	100	330		U
52-85-7	Famphur	100	330		U
206-44-0	Fluoranthene	40	330		U
86-73-7	Fluorene	40	330		U
118-74-1	Hexachlorobenzene	100	330		U
87-68-3	Hexachlorobutadiene	100	330		U
77-47-4	Hexachlorocyclopentadiene	100	330		U
67-72-1	Hexachloroethane	100	330		U
70-30-4	Hexachlorophene	100	670		U
1888-71-7	Hexachloropropene	100	330		U
193-39-5	Indeno(1,2,3-cd)pyrene	40	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1114BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1114BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL114

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 17:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	100	330		U
78-59-1	Isophorone	100	330		U
120-58-1	Isosafrole	100	330		U
143-50-0	Kepone	100	330		U
91-80-5	Methapyrilene	100	330		U
56-49-5	3-Methylcholanthrene	100	330		U
66-27-3	Methyl methanesulfonate	100	330		U
91-57-6	2-Methylnaphthalene	40	330		U
298-00-0	Methyl parathion	100	330		U
106-44-5	4-Methylphenol	100	330		U
91-20-3	Naphthalene	40	330		U
95-48-7	2-Methylphenol	100	330		U
108-39-4	3-Methylphenol	100	330		U
130-15-4	1,4-Naphthoquinone	100	330		U
134-32-7	1-Naphthylamine	100	330		U
91-59-8	2-Naphthylamine	100	330		U
88-74-4	2-Nitroaniline	100	1300		U
99-09-2	3-Nitroaniline	100	1300		U
100-01-6	4-Nitroaniline	100	1300		U
98-95-3	Nitrobenzene	100	330		U
88-75-5	2-Nitrophenol	100	330		U
100-02-7	4-Nitrophenol	100	1300		U
56-57-5	4-Nitroquinoline-1-oxide	100	330		U
924-16-3	N-Nitrosodi-n-butylamine	100	330		U
55-18-5	N-Nitrosodiethylamine	100	330		U
62-75-9	N-Nitroso-di-methylamine	100	330		U
86-30-6	N-Nitrosodiphenylamine (1)	100	330		U
621-64-7	N-Nitroso-di-n-propylamine	100	330		U
10595-95-6	N-Nitrosomethylethylamine	100	330		U
59-89-2	N-Nitrosomorpholine	100	330		U
100-75-4	N-Nitrosopiperidine	100	330		U
930-55-2	N-Nitrosopyrrolidine	100	330		U
99-55-8	5-Nitro-o-toluidine	100	330		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1114BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1114BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL114

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/18/06 17:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	100	330		U
608-93-5	Pentachlorobenzene	100	330		U
76-01-7	Pentachloroethane	100	330		U
82-68-8	Pentachloronitrobenzene	100	330		U
87-86-5	Pentachlorophenol	100	1300		U
62-44-2	Phenacetin	100	330		U
85-01-8	Phenanthrene	40	330		U
108-95-2	Phenol	100	330		U
106-50-3	p-Phenylenediamine	100	330		U
298-02-2	Phorate	100	330		U
109-06-8	2-Picoline	100	330		U
23950-58-5	Pronamide	100	330		U
129-00-0	Pyrene	40	330		U
110-86-1	Pyridine	100	1300		U
94-59-7	Safrole	100	330		U
3689-24-5	Sulfotepp	100	330		U
95-94-3	1,2,4,5-Tetrachlorobenzene	100	330		U
58-90-2	2,3,4,6-Tetrachlorophenol	100	330		U
297-97-2	Thionazin	100	330		U
95-53-4	o-Toluidine	100	330		U
120-82-1	1,2,4-Trichlorobenzene	100	330		U
95-95-4	2,4,5-Trichlorophenol	100	330		U
88-06-2	2,4,6-Trichlorophenol	100	330		U
126-68-1	O,O,O-Triethylphosphorothioa	100	330		U
99-35-4	sym-Trinitrobenzene	100	330		U

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1114BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Acenaphthene	3333	0.0000	2566	77	45-110
Acenaphthylene	3333	0.0000	2985	90	50-105
Acetophenone	3333	0.0000	2494	75	35-110
Aniline	3333	0.0000	2734	82	10-110
Anthracene	3333	0.0000	3364	101	55-105
Benzoic acid	3333	0.0000	418.6	12	10-110
Benzo(a)anthracene	3333	0.0000	3205	96	60-110
Benzo(b)fluoranthene	3333	0.0000	3315	99	55-115
Benzo(k)fluoranthene	3333	0.0000	3660	110	55-110
Benzo(g,h,i)perylene	3333	0.0000	3175	95	35-135
Benzo(a)pyrene	3333	0.0000	3444	103	60-120
Benzyl alcohol	3333	0.0000	2530	76	10-110
bis(2-Chloroethoxy)meth	3333	0.0000	2594	78	35-110
bis(2-Chloroethyl)ether	3333	0.0000	2018	60	25-110
bis(2-Chloroisopropyl)e	3333	0.0000	2013	60	20-110
Bis(2-ethylhexyl)phthal	3333	0.0000	3742	112	60-115
4-Bromophenyl-phenyleth	3333	0.0000	2722	82	45-110
Butylbenzylphthalate	3333	0.0000	3613	108	60-115
4-Chloroaniline	3333	0.0000	2518	76	25-120
4-Chloro-3-methylphenol	3333	0.0000	2854	86	40-105
2-Chloronaphthalene	3333	0.0000	2445	73	45-110
2-Chlorophenol	3333	0.0000	2328	70	35-110
4-Chlorophenyl-phenylet	3333	0.0000	2541	76	40-105
Chrysene	3333	0.0000	3421	103	55-105
Dibenz(a,h)anthracene	3333	0.0000	3127	94	40-130
Dibenzofuran	3333	0.0000	2523	76	50-110
3,3'-Dichlorobenzidine	3333	0.0000	3306	99	50-140
1,4-Dichlorobenzene	3333	0.0000	1757	53	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1114BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3333	0.0000	1887	57	30-110
1,3-Dichlorobenzene	3333	0.0000	1786	54	25-110
2,4-Dichlorophenol	3333	0.0000	2796	84	40-110
Diethylphthalate	3333	0.0000	3206	96	55-110
2,4-Dimethylphenol	3333	0.0000	2474	74	35-110
Dimethylphthalate	3333	0.0000	2662	80	50-110
Di-n-butylphthalate	3333	0.0000	3730	112*	60-105
4,6-Dinitro-2-methylphe	3333	0.0000	2743	82	10-130
2,4-Dinitrophenol	3333	0.0000	1841	55	10-105
2,4-Dinitrotoluene	3333	0.0000	3062	92	50-105
2,6-Dinitrotoluene	3333	0.0000	2928	88	55-105
Di-n-octylphthalate	3333	0.0000	4412	132*	50-125
Fluoranthene	3333	0.0000	3034	91	55-110
Fluorene	3333	0.0000	2713	81	50-105
Hexachlorobenzene	3333	0.0000	3206	96	55-105
Hexachlorobutadiene	3333	0.0000	2250	68	30-110
Hexachlorocyclopentadie	3333	0.0000	1994	60	10-110
Hexachloroethane	3333	0.0000	1746	52	25-110
Indeno(1,2,3-cd)pyrene	3333	0.0000	3087	93	40-130
Isophorone	3333	0.0000	2658	80	35-110
2-Methylnaphthalene	3333	0.0000	2522	76	40-110
4-Methylphenol	3333	0.0000	2468	74	40-105
Naphthalene	3333	0.0000	2135	64	30-110
2-Methylphenol	3333	0.0000	2450	74	35-110
2-Nitroaniline	3333	0.0000	2611	78	45-120
3-Nitroaniline	3333	0.0000	3390	102	50-130
4-Nitroaniline	3333	0.0000	4140	124	25-175
Nitrobenzene	3333	0.0000	2437	73	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: SBLK1114BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
2-Nitrophenol	3333	0.0000	2543	76	35-110
4-Nitrophenol	3333	0.0000	2846	85	40-125
N-Nitroso-di-methylamin	3333	0.0000	1556	47	10-110
N-Nitrosodiphenylamine	3333	0.0000	3468	104	55-110
N-Nitroso-di-n-prop.(1)	3333	0.0000	2179	65	30-110
Pentachlorophenol	3333	0.0000	2739	82	35-125
Phenanthrene	3333	0.0000	3128	94	55-105
Phenol	3333	0.0000	2024	61	30-110
Pyrene	3333	0.0000	3748	112	55-115
Pyridine	3333	0.0000	1242	37	10-110
1,2,4-Trichlorobenzene	3333	0.0000	2070	62	30-110
2,4,5-Trichlorophenol	3333	0.0000	3058	92	50-105
2,4,6-Trichlorophenol	3333	0.0000	2873	86	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 2 out of 69 outside limits

COMMENTS: _____

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 12/03/06

Instrument ID: BNA1 Time Analyzed: 0715

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1488983	10.88	1067463	18.30	802711	22.12
	UPPER LIMIT	2977966	11.38	2134926	18.80	1605422	22.62
	LOWER LIMIT	744492	10.38	533732	17.80	401356	21.62
	CLIENT SAMPLE NO.						
01	S2-SS-21-00-	1931677	10.87	808485	18.28	501751	22.12
02	S2-SS-22-00-	1686130	10.88	715593	18.28	423521	22.12
03	S2FD11050601	1788396	10.88	973260	18.28	584865	22.12
04	S5-SD-01-00-	1709052	10.88	685902	18.28	422003	22.12
05	S5-SD-02-00-	1861593	10.89	670622	18.29	446737	22.13
06	S5-SD-03-00-	1735586	10.89	610566	18.29	377986*	22.12
07	S5-SD-04-00-	1661926	10.89	602026	18.28	390473*	22.13
08	S5-SD-05-00-	1521018	10.89	652217	18.29	390552*	22.13
09	S5FD11060602	1314346	10.89	516241*	18.29	324885*	22.12
10	S2-SS-08-00-	1525346	10.88	508433*	18.28	287332*	22.13
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 12/03/06

Instrument ID: BNA1 Time Analyzed: 0715

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	659556	4.21	2267260	5.21	1102424	7.61
	UPPER LIMIT	1319112	4.71	4534520	5.71	2204848	8.11
	LOWER LIMIT	329778	3.71	1133630	4.71	551212	7.11
	CLIENT SAMPLE NO.						
01	S2-SS-21-00-	957294	4.21	3083130	5.20	1516137	7.60
02	S2-SS-22-00-	886589	4.21	2902749	5.21	1407448	7.60
03	S2FD11050601	879836	4.22	2840346	5.20	1405727	7.60
04	S5-SD-01-00-	869610	4.22	2868064	5.21	1315693	7.60
05	S5-SD-02-00-	928279	4.21	2850952	5.21	1472838	7.61
06	S5-SD-03-00-	876407	4.22	3009416	5.21	1372196	7.60
07	S5-SD-04-00-	873234	4.22	2938131	5.21	1361393	7.60
08	S5-SD-05-00-	796962	4.22	2626462	5.21	1173174	7.61
09	S5FD11060602	662032	4.22	2381507	5.21	1173023	7.60
10	S2-SS-08-00-	805736	4.22	2834309	5.21	1337953	7.60
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF0911B2 DFTPP Injection Date: 09/11/06

Instrument ID: BNA1 DFTPP Injection Time: 1958

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	51.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	78.8
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	18.2
365	Greater than 1.0% of mass 198	1.86
441	Present, but less than mass 443	9.0
442	Greater than 40.0% of mass 198	56.3
443	17.0 - 23.0% of mass 442	11.0 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPC002PPM	APPC002PPM	APPC002	09/12/06	0022
02	APPC005PPM	APPC005PPM	APPC005	09/12/06	0057
03	APPC010PPM	APPC010PPM	APPC010	09/12/06	0132
04	APPC020PPM	APPC020PPM	APPC020	09/12/06	0207
05	APPC030PPM	APPC030PPM	APPC030	09/12/06	0242
06	APPC050PPM	APPC050PPM	APPC050	09/12/06	0317
07	APPC060PPM	APPC060PPM	APPC060	09/12/06	0351
08	APPC070PPM	APPC070PPM	APPC070	09/12/06	0426
09	APPC080PPM	APPC080PPM	APPC080	09/12/06	0501
10	APPC090PPM	APPC090PPM	APPC090	09/12/06	0536
11	APPC100PPM	APPC100PPM	APPC100	09/12/06	0611
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF0911B3 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 0736

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	81.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	16.0
365	Greater than 1.0% of mass 198	2.08
441	Present, but less than mass 443	8.0
442	Greater than 40.0% of mass 198	50.0
443	17.0 - 23.0% of mass 442	9.9 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPA002PPM	APPA002PPM	APPA002	09/12/06	1236
02	APPA005PPM	APPA005PPM	APPA005	09/12/06	1311
03	APPA010PPM	APPA010PPM	APPA010	09/12/06	1346
04	APPA020PPM	APPA020PPM	APPA020	09/12/06	1421
05	APPA030PPM	APPA030PPM	APPA030	09/12/06	1456
06	APPA050PPM	APPA050PPM	APPA050	09/12/06	1531
07	APPA070PPM	APPA070PPM	APPA070	09/12/06	1606
08	APPA100PPM	APPA100PPM	APPA100	09/12/06	1641
09	APPB002PPM	APPB002PPM	APPB002	09/12/06	1716
10	APPB005PPM	APPB005PPM	APPB005	09/12/06	1751
11	APPB010PPM	APPB010PPM	APPB010	09/12/06	1827
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF0911B4 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 1859

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	76.7
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	47.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	17.6
365	Greater than 1.0% of mass 198	1.94
441	Present, but less than mass 443	9.1
442	Greater than 40.0% of mass 198	56.9
443	17.0 - 23.0% of mass 442	11.8 (20.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPB020PPM	APPB020PPM	APPB020	09/12/06	1919
02	APPB030PPM	APPB030PPM	APPB030	09/12/06	1953
03	APPB050PPM	APPB050PPM	APPB050	09/12/06	2028
04	APPB070PPM	APPB070PPM	APPB070	09/12/06	2103
05	APPB100PPM	APPB100PPM	APPB100	09/12/06	2138
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Acetylaminofluorene	2ORDR	0.00000000	2.50416525	-0.4098548	0.997
4-Aminobiphenyl	AVRG		0.77864114		13.6
m-Dinitrobenzene	LINR	0.00000000	0.23701156		0.995
Hexachloropropene	AVRG		0.14021398		11.0
Isodrin	AVRG		0.20631377		4.4
Kepone	LINR	0.00000000	0.19217706		0.999
5-Nitro-o-toluidine	2ORDR	0.00000000	2.28430051	0.30818451	0.997
Pentachlorobenzene	AVRG		0.47518673		7.5
Pentachloronitrobenzene	LINR	0.00000000	8.786e-002		0.999
Pentachloroethane	AVRG		0.48546152		8.8
1,2,4,5-Tetrachlorobenzene	AVRG		0.25901931		8.8
o-Toluidine	AVRG		1.80815979		10.7
sym-Trinitrobenzene	2ORDR	0.14425382	4.10326421	-1.5803412	0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Aramite	AVRG		7.445e-002		11.6
Chlorobenzilate	AVRG		0.38735717		12.6
Diallate	AVRG		0.86317227		7.2
2,6-Dichlorophenol	AVRG		0.26619463		7.1
p-(Dimethylamino)azobenzene	AVRG		0.25649176		12.8
7,12-Dimethylbenz[a]anthrace	LINR	0.00000000	0.51289270		0.999
3,3'-Dimethylbenzidine	2ORDR	0.00000000	1.23445692	0.29370336	0.997
Dinoseb	2ORDR	0.14716869	6.02605242	-0.9898172	0.995
Diphenylamine	AVRG		0.92307953		5.6
Ethyl methanesulfonate	AVRG		1.34405164		7.9
Isosafrole	AVRG		0.94369306		8.4
Methapyrilene	LINR	0.00000000	0.74258273		0.998
3-Methylcholanthrene	AVRG		0.52665015		11.0
Methyl methanesulfonate	AVRG		0.94475920		8.0
1,4-Naphthoquinone	AVRG		0.42498240		12.1
1-Naphthylamine	AVRG		1.04310210		10.8
2-Naphthylamine	AVRG		1.12422959		12.1
4-Nitroquinoline-1-oxide	2ORDR	0.17636842	17.1636050	7.52292652	0.992
N-Nitrosodi-n-butylamine	AVRG		0.24733716		8.6
N-Nitrosodiethylamine	AVRG		0.65778267		8.8
N-Nitrosomethylethylamine	AVRG		0.79866338		4.8
N-Nitrosomorpholine	AVRG		0.85354245		10.6
N-Nitrosopiperidine	AVRG		0.20595211		5.8
N-Nitrosopyrrolidine	AVRG		0.70294934		8.9
Phenacetin	LINR	0.00000000	0.49857817		0.996
2-Picoline	AVRG		1.64217739		7.7
Pronamide	LINR	0.00000000	0.37898786		0.997
Safrole	AVRG		0.24382528		5.7
2,3,4,6-Tetrachlorophenol	LINR	0.00000000	0.25008022		0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Dimethoate	AVRG		0.41009292		10.0
a,a-Dimethyl-phenethylamine	LINR	0.00000000	1.09375917		0.996
Disulfoton	AVRG		0.56765837		12.4
Famphur	2ORDR	5.041e-002	1.85218712	1.46644131	0.996
Hexachlorophene	2ORDR	1.96928051	11.0577718	-1.8507904	0.999
Methyl parathion	2ORDR	0.00000000	2.10302895	0.19537199	0.995
Parathion	LINR	0.00000000	0.28794697		0.996
p-Phenylenediamine	2ORDR	0.00000000	3.24432400	-0.1964508	0.998
Phorate	AVRG		0.80787027		9.4
Sulfotepp	AVRG		0.22119363		9.4
Thionazin	AVRG		0.22388299		12.0
O,O,O-Triethylphosphorothioa	AVRG		0.16890512		6.3

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1114B1 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 0729

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	79.2
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.8
365	Greater than 1.0% of mass 198	1.72
441	Present, but less than mass 443	8.7
442	Greater than 40.0% of mass 198	51.6
443	17.0 - 23.0% of mass 442	9.6 (18.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CAL001PPM	CAL001PPM	CAL001	11/14/06	0749
02	CAL002PPM	CAL002PPM	CAL002	11/14/06	0824
03	CAL005PPM	CAL005PPM	CAL005	11/14/06	0859
04	CAL010PPM	CAL010PPM	CAL010	11/14/06	0934
05	CAL020PPM	CAL020PPM	CAL020	11/14/06	1009
06	CAL030PPM	CAL030PPM	CAL030	11/14/06	1045
07	CAL040PPM	CAL040PPM	CAL040	11/14/06	1120
08	CAL050PPM	CAL050PPM	CAL050	11/14/06	1155
09	CAL060PPM	CAL060PPM	CAL060	11/14/06	1230
10	CAL070PPM	CAL070PPM	CAL070	11/14/06	1306
11	CAL080PPM	CAL080PPM	CAL080	11/14/06	1341
12	CAL090PPM	CAL090PPM	CAL090	11/14/06	1416
13	CAL100PPM	CAL100PPM	CAL100	11/14/06	1452
14	CALB002PPM	CALB002PPM	CALB002	11/14/06	1527
15	CALB005PPM	CALB005PPM	CALB005	11/14/06	1602
16	CALB010PPM	CALB010PPM	CALB010	11/14/06	1637
17	CALB020PPM	CALB020PPM	CALB020	11/14/06	1713
18	CALB030PPM	CALB030PPM	CALB030	11/14/06	1748
19	CALB040PPM	CALB040PPM	CALB040	11/14/06	1823
20	CALB050PPM	CALB050PPM	CALB050	11/14/06	1859
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1114B2 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 1931

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	82.0
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.2
365	Greater than 1.0% of mass 198	2.01
441	Present, but less than mass 443	6.0
442	Greater than 40.0% of mass 198	43.5
443	17.0 - 23.0% of mass 442	8.3 (19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CALB060PPM	CALB060PPM	CALB060	11/14/06	1951
02	CALB070PPM	CALB070PPM	CALB070	11/14/06	2026
03	CALB080PPM	CALB080PPM	CALB080	11/14/06	2102
04	CALB090PPM	CALB090PPM	CALB090	11/14/06	2137
05	CALB100PPM	CALB100PPM	CALB100	11/14/06	2212
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Acenaphthene	AVRG		1.14763470		7.5
Acenaphthylene	AVRG		1.61937855		9.3
Acetophenone	AVRG		1.52640944		8.9
Aniline	2ORDR	0.00000000	0.53862900	0.14846564	0.995
Anthracene	AVRG		1.04434965		4.5
Benzoic acid	LINR	9.351e-002	0.30378746		0.995
Benzo(a)anthracene	AVRG		1.33102937		6.0
Benzo(b)fluoranthene	LINR	0.00000000	1.26384545		0.996
Benzo(k)fluoranthene	AVRG		1.27602667		10.8
Benzo(g,h,i)perylene	AVRG		0.84531102		12.6
Benzo(a)pyrene	AVRG		1.06117287		10.5
Benzyl alcohol	AVRG		0.76587742		12.6
bis(2-Chloroethoxy)methane	AVRG		0.48197356		10.6
1,1'-Biphenyl	AVRG		1.15934166		14.0
bis(2-Chloroethyl)ether	AVRG		1.42083659		12.3
bis(2-Chloroisopropyl)ether	AVRG		2.26845981		14.6
Bis(2-ethylhexyl)phthalate	LINR	0.00000000	1.34642399		0.996
4-Bromophenyl-phenylether	AVRG		0.24761957		6.1
Butylbenzylphthalate	LINR	0.00000000	1.11444792		0.999
Carbazole	2ORDR	0.00000000	1.34084265	5.801e-003	0.991
Caprolactam	AVRG		0.10163568		14.0
4-Chloroaniline	AVRG		0.40585523		10.7
4-Chloro-3-methylphenol	AVRG		0.30001834		7.9
2-Chloronaphthalene	AVRG		1.12198486		10.1
2-Chlorophenol	AVRG		1.33386531		11.6
4-Chlorophenyl-phenylether	AVRG		0.51658739		7.4
Chrysene	AVRG		1.20256073		4.6
Dibenz(a,h)anthracene	2ORDR	0.00000000	1.52141269	-0.2389727	0.994
Dibenzofuran	AVRG		1.59863352		7.6
1,2-Dichlorobenzene	AVRG		1.34202950		12.8
1,4-Dichlorobenzene	AVRG		1.42999558		12.6
1,3-Dichlorobenzene	AVRG		1.46157748		10.4
2,4-Dichlorophenol	AVRG		0.29162720		9.3
Diethylphthalate	LINR	-6.74e-002	1.24038263		0.996
2,4-Dimethylphenol	AVRG		0.35805051		7.1
Dimethylphthalate	AVRG		1.41337499		7.9
Di-n-butylphthalate	AVRG		1.73696747		7.0

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
4,6-Dinitro-2-methylphenol	LINR	0.11504554	0.20948045		0.996
2,4-Dinitrophenol	2ORDR	0.00000000	6.26078818	-3.7983137	0.991
2,4-Dinitrotoluene	AVRG		0.41632007		11.0
2,6-Dinitrotoluene	LINR	0.00000000	0.33718664		0.996
Di-n-octylphthalate	LINR	0.00000000	2.31029715		0.995
1,2-Diphenylhydrazine	AVRG		1.22292795		8.2
Fluoranthene	AVRG		1.11809015		7.0
Fluorene	AVRG		1.19824378		6.7
Hexachlorobenzene	AVRG		0.28180346		9.6
Hexachlorobutadiene	AVRG		0.17808279		10.5
Hexachlorocyclopentadiene	LINR	7.254e-002	0.24606699		0.995
Hexachloroethane	AVRG		0.65773406		10.6
Indeno(1,2,3-cd)pyrene	2ORDR	0.00000000	1.52164857	-0.2357851	0.995
Isophorone	AVRG		0.77204459		7.3
2-Methylnaphthalene	AVRG		0.54180192		9.3
1-Methylnaphthalene	AVRG		0.53740425		9.6
4-Methylphenol	AVRG		1.09166424		12.3
3-Methylphenol	AVRG		1.09541609		12.8
Naphthalene	AVRG		0.96197387		14.1
2-Methylphenol	AVRG		1.13201842		11.0
2-Nitroaniline	LINR	0.00000000	0.45985792		0.998
3-Nitroaniline	2ORDR	0.00000000	3.69137148	-0.9146236	0.995
4-Nitroaniline	2ORDR	-1.33e-002	5.94840126	-3.9675729	0.990
Nitrobenzene	AVRG		0.39886867		10.4
2-Nitrophenol	AVRG		0.22944579		11.8
4-Nitrophenol	2ORDR	0.00000000	4.52861578	-1.7848770	0.998
N-Nitroso-di-methylamine	AVRG		0.69884932		6.7
N-Nitrosodiphenylamine	AVRG		0.54828239		9.8
N-Nitroso-di-n-propylamine	AVRG		0.93827321		12.6
Pentachlorophenol	LINR	0.00000000	0.17892127		0.996
Phenanthrene	AVRG		1.08113552		5.1
Phenol	AVRG		1.77885530		14.4
Pyrene	AVRG		1.66387273		5.9
Pyridine	LINR	0.00000000	1.50521901		0.996
1,2,4-Trichlorobenzene	AVRG		0.31070165		10.8
2,4,5-Trichlorophenol	AVRG		0.41010190		9.5
2,4,6-Trichlorophenol	AVRG		0.39250741		10.1

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Fluorophenol	AVRG		1.29094459		10.4
Phenol-d6	AVRG		1.45633702		13.1
Nitrobenzene-d5	AVRG		0.40594199		6.6
2-Fluorobiphenyl	AVRG		1.30358766		10.4
2,4,6-Tribromophenol	AVRG		0.15197208		9.7
Terphenyl-d14	AVRG		1.00520729		6.5

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date(s): 08/27/06 11/15/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 0254

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Benzidine	LINR	0.17671722	0.79483026	0.995
3,3'-Dichlorobenzidine	LINR	7.74e-002	0.36251529	0.995

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1115B2 DFTPP Injection Date: 11/16/06

Instrument ID: BNA1 DFTPP Injection Time: 0004

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	42.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	74.1
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	14.7
365	Greater than 1.0% of mass 198	1.85
441	Present, but less than mass 443	8.8
442	Greater than 40.0% of mass 198	54.6
443	17.0 - 23.0% of mass 442	11.0 (20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050SE	11/16/06	0024
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9AE	11/16/06	0059
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9BE	11/16/06	0135
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9CE	11/16/06	0210
05	SBLK1110BS1	SBLK1110BS1	SSBL1110	11/16/06	0653
06	SBLK1110BS1L	SBLK1110BS1LCS	SSLC1110	11/16/06	0728
07	SBLK1110BS1L	SBLK1110BS1LCS	SSLD1110	11/16/06	0803
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Only QC samples affected not addressed in narrative

FORM V SV

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.119	50.00	48.74		AVRG	-2.5	20.0
Acenaphthylene	1.619	1.716	50.00	52.97		AVRG	5.9	
Acetophenone	1.526	1.498	50.00	49.08		AVRG	-1.8	
Aniline	1.507	1.482	50.00	60.32		2ORDR	20.6	
Anthracene	1.044	1.251	50.00	59.89		AVRG	19.8	
Atrazine	0.205	0.207	50.00	46.07		LINR	-7.8	
Benzaldehyde	0.904	0.666	50.00	36.80		AVRG	-26.4	
Benzidine	0.614	0.038	50.00	9.494		LINR	-81.0	
Benzoic acid	0.222	0.333	50.00	58.55		LINR	17.1	
Benzo(a)anthracene	1.331	1.460	50.00	54.85		AVRG	9.7	
Benzo(b)fluoranthene	1.179	1.335	50.00	52.80		LINR	5.6	
Benzo(k)fluoranthene	1.276	1.515	50.00	59.35		AVRG	18.7	
Benzo(g,h,i)perylene	0.845	0.898	50.00	53.13		AVRG	6.3	
Benzo(a)pyrene	1.061	1.201	50.00	56.58		AVRG	13.2	20.0
Benzyl alcohol	0.766	0.830	50.00	54.17		AVRG	8.3	
1,1'-Biphenyl	1.159	1.272	50.00	54.87		AVRG	9.7	
bis(2-Chloroethoxy)methane	0.482	0.475	50.00	49.28		AVRG	-1.4	
bis(2-Chloroethyl)ether	1.421	1.450	50.00	51.01		AVRG	2.0	
bis(2-Chloroisopropyl)ether	2.268	2.067	50.00	45.56		AVRG	-8.9	
Bis(2-ethylhexyl)phthalate	1.197	1.331	50.00	49.42		LINR	-1.2	
4-Bromophenyl-phenylether	0.247	0.286	50.00	57.73		AVRG	15.4	
Butylbenzylphthalate	1.020	1.164	50.00	52.20		LINR	4.4	
4-Chloroaniline	0.406	0.410	50.00	50.50		AVRG	1.0	
Carbazole	0.820	0.866	50.00	58.30		2ORDR	16.6	
Caprolactam	0.102	0.113	50.00	55.61		AVRG	11.2	
4-Chloro-3-methylphenol	0.300	0.332	50.00	55.28		AVRG	10.6	20.0
2-Chloronaphthalene	1.122	1.201	50.00	53.53		AVRG	7.0	
2-Chlorophenol	1.334	1.328	50.00	49.76		AVRG	-0.5	
4-Chlorophenyl-phenylether	0.517	0.524	50.00	50.74		AVRG	1.5	
Chrysene	1.202	1.354	50.00	56.28		AVRG	12.6	
Dibenz(a,h)anthracene	0.717	0.808	50.00	51.70		2ORDR	3.4	
Dibenzofuran	1.598	1.622	50.00	50.72		AVRG	1.4	
1,2-Dichlorobenzene	1.342	1.280	50.00	47.68		AVRG	-4.6	
1,4-Dichlorobenzene	1.430	1.437	50.00	50.26		AVRG	0.5	20.0
1,3-Dichlorobenzene	1.462	1.474	50.00	50.42		AVRG	0.8	
3,3'-Dichlorobenzidine	0.273	0.250	50.00	37.62		LINR	-24.8	
2,4-Dichlorophenol	0.292	0.314	50.00	53.83		AVRG	7.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.411	50.00	54.18		LINR	8.4	
2,4-Dimethylphenol	0.358	0.372	50.00	51.91		AVRG	3.8	
Dimethylphthalate	1.413	1.440	50.00	50.94		AVRG	1.9	
Di-n-butylphthalate	1.737	1.971	50.00	56.74		AVRG	13.5	
4,6-Dinitro-2-methylphenol	0.158	0.201	50.00	52.56		LINR	5.1	
2,4-Dinitrophenol	0.172	0.174	50.00	47.35	0.050	2ORDR	-5.3	
2,4-Dinitrotoluene	0.416	0.450	50.00	54.10		AVRG	8.2	
2,6-Dinitrotoluene	0.312	0.334	50.00	49.53		LINR	-0.9	
Di-n-octylphthalate	2.093	2.398	50.00	51.90		LINR	3.8	20.0
1,2-Diphenylhydrazine	1.223	1.452	50.00	59.37		AVRG	18.7	
Fluoranthene	1.118	1.254	50.00	56.10		AVRG	12.2	20.0
Fluorene	1.198	1.205	50.00	50.28		AVRG	0.6	
Hexachlorobenzene	0.282	0.304	50.00	53.94		AVRG	7.9	
Hexachlorobutadiene	0.178	0.183	50.00	51.46		AVRG	2.9	20.0
Hexachlorocyclopentadiene	0.204	0.172	50.00	37.96	0.050	LINR	-24.1	
Hexachloroethane	0.658	0.648	50.00	49.26		AVRG	-1.5	
Indeno(1,2,3-cd)pyrene	0.704	0.771	50.00	49.89		2ORDR	-0.2	
Isophorone	0.772	0.785	50.00	50.87		AVRG	1.7	
1-Methylnaphthalene	0.537	0.541	50.00	50.38		AVRG	0.8	
2-Methylnaphthalene	0.542	0.533	50.00	49.21		AVRG	-1.6	
Naphthalene	0.962	0.948	50.00	49.27		AVRG	-1.4	
4-Methylphenol	1.092	1.059	50.00	48.49		AVRG	-3.0	
3-Methylphenol	1.095	1.059	50.00	48.33		AVRG	-3.3	
2-Methylphenol	1.132	1.162	50.00	51.34		AVRG	2.7	
2-Nitroaniline	0.423	0.448	50.00	48.75		LINR	-2.5	
3-Nitroaniline	0.294	0.314	50.00	52.29		2ORDR	4.6	
4-Nitroaniline	0.211	0.283	50.00	63.72		2ORDR	27.4	
Nitrobenzene	0.399	0.422	50.00	52.92		AVRG	5.8	
2-Nitrophenol	0.229	0.262	50.00	57.01		AVRG	14.0	20.0
4-Nitrophenol	0.246	0.249	50.00	49.41	0.050	2ORDR	-1.2	
N-Nitroso-di-methylamine	0.699	0.694	50.00	49.65		AVRG	-0.7	
N-Nitrosodiphenylamine(1)	0.548	0.614	50.00	56.00		AVRG	12.0	20.0
N-Nitroso-di-n-propylamine	0.938	0.889	50.00	47.36	0.050	AVRG	-5.3	
Pentachlorophenol	0.160	0.198	50.00	55.24		LINR	10.5	20.0
Phenanthrene	1.081	1.200	50.00	55.52		AVRG	11.0	
Phenol	1.779	1.691	50.00	47.52		AVRG	-5.0	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.918	50.00	57.64		AVRG	15.3	
Pyridine	1.378	1.416	50.00	47.05		LINR	-5.9	
1,2,4-Trichlorobenzene	0.311	0.312	50.00	50.17		AVRG	0.3	
2,4,5-Trichlorophenol	0.410	0.458	50.00	55.83		AVRG	11.6	
2,4,6-Trichlorophenol	0.392	0.408	50.00	51.98		AVRG	4.0	20.0
2-Fluorophenol	1.291	1.273	100.0	98.61		AVRG	-1.4	
Phenol-d6	1.456	1.344	100.0	92.30		AVRG	-7.7	
Nitrobenzene-d5	0.406	0.445	50.00	54.79		AVRG	9.6	
2-Fluorobiphenyl	1.304	1.352	50.00	51.84		AVRG	3.7	
2,4,6-Tribromophenol	0.152	0.184	100.0	120.8		AVRG	20.8	
Terphenyl-d14	1.005	1.143	50.00	56.87		AVRG	13.7	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0059

Lab File ID: CCVAP9AE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

12/7/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.456	50.00	51.82		2ORDR	3.6	20.0
4-Aminobiphenyl	0.779	0.806	50.00	51.73		AVRG	3.5	20.0
m-Dinitrobenzene	0.176	0.235	50.00	49.65		LINR	-0.7	20.0
Hexachloropropene	0.140	0.154	50.00	55.06		AVRG	10.1	20.0
Isodrin	0.206	0.223	50.00	53.97		AVRG	7.9	20.0
Kepone	0.171	0.172	50.00	44.87		LINR	-10.2	20.0
5-Nitro-o-toluidine	0.319	0.422	50.00	51.70		2ORDR	3.4	20.0
Pentachlorobenzene	0.475	0.494	50.00	51.97		AVRG	3.9	20.0
Pentachloronitrobenzene	0.082	0.103	50.00	58.78		LINR	17.6	20.0
Pentachloroethane	0.486	0.446	50.00	45.98	0.050	AVRG	-8.0	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.269	50.00	51.98		AVRG	4.0	20.0
o-Toluidine	1.808	1.753	50.00	48.48		AVRG	-3.0	20.0
sym-Trinitrobenzene	0.170	0.241	50.00	49.53		2ORDR	-0.9	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0210

Lab File ID: CCVAP9CE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

12/7/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.405	50.00	49.38		AVRG	-1.2	20.0
a,a-Dimethyl-phenethylamine	1.028	0.826	125.0	94.35		LINR	-24.5	20.0
Disulfoton	0.567	0.535	50.00	47.16		AVRG	-5.7	20.0
Famphur	0.342	0.343	50.00	44.63		2ORDR	-10.7	20.0
Hexachlorophene	0.069	0.055	250.0	221.8		2ORDR	-11.3	20.0
Methyl parathion	0.359	0.477	50.00	52.90		2ORDR	5.8	20.0
Parathion	0.239	0.302	50.00	52.43		LINR	4.8	20.0
p-Phenylenediamine	0.279	0.300	125.0	114.7		2ORDR	-8.2	20.0
Phorate	0.808	0.776	50.00	48.04		AVRG	-3.9	20.0
Sulfotepp	0.221	0.231	50.00	52.32		AVRG	4.6	20.0
Thionazin	0.224	0.269	50.00	60.05		AVRG	20.1	20.0
O,O,O-Triethylphosphorothioa	0.169	0.168	50.00	49.88		AVRG	-0.2	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1116B2 DFTPP Injection Date: 11/17/06

Instrument ID: BNA1 DFTPP Injection Time: 0253

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	42.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	77.7
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	50.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	16.2
365	Greater than 1.0% of mass 198	2.05
441	Present, but less than mass 443	8.6
442	Greater than 40.0% of mass 198	53.3
443	17.0 - 23.0% of mass 442	10.0 (18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050SE	11/17/06	0313
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9ASE	11/17/06	0348
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9BSE	11/17/06	0423
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9CSE	11/17/06	0458
05	SBLK1113BS1	SBLK1113BS1	SSBL1113	11/17/06	1014
06	SBLK1113BS1L	SBLK1113BS1LCS	SSLC1113	11/17/06	1049
07	S1-SD-01-00-	0611056-01	1105601D	11/17/06	1125
08	S1-SD-02-00-	0611056-02	1105602D	11/17/06	1200
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

10 x dilutions not used in DV

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0313

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.176	50.00	51.24		AVRG	2.5	20.0
Acenaphthylene	1.619	1.659	50.00	51.22		AVRG	2.4	
Acetophenone	1.526	1.541	50.00	50.49		AVRG	1.0	
Aniline	1.507	1.626	50.00	68.33		2ORDR	36.6	
Anthracene	1.044	1.160	50.00	55.55		AVRG	11.1	
Atrazine	0.205	0.214	50.00	47.76		LINR	-4.5	
Benzaldehyde	0.904	0.712	50.00	39.38		AVRG	-21.2	
Benzidine	0.614	0.069	50.00	11.39		LINR	-77.2	
Benzoic acid	0.222	0.304	50.00	53.81		LINR	7.6	
Benzo(a)anthracene	1.331	1.433	50.00	53.82		AVRG	7.6	
Benzo(b)fluoranthene	1.179	1.216	50.00	48.11		LINR	-3.8	
Benzo(k)fluoranthene	1.276	1.248	50.00	48.89		AVRG	-2.2	
Benzo(g,h,i)perylene	0.845	0.833	50.00	49.28		AVRG	-1.4	
Benzo(a)pyrene	1.061	1.087	50.00	51.21		AVRG	2.4	20.0
Benzyl alcohol	0.766	0.816	50.00	53.25		AVRG	6.5	
1,1'-Biphenyl	1.159	1.198	50.00	51.69		AVRG	3.4	
bis(2-Chloroethoxy)methane	0.482	0.460	50.00	47.71		AVRG	-4.6	
bis(2-Chloroethyl)ether	1.421	1.446	50.00	50.89		AVRG	1.8	
bis(2-Chloroisopropyl)ether	2.268	2.106	50.00	46.41		AVRG	-7.2	
Bis(2-ethylhexyl)phthalate	1.197	1.430	50.00	53.08		LINR	6.2	
4-Bromophenyl-phenylether	0.247	0.254	50.00	51.36		AVRG	2.7	
Butylbenzylphthalate	1.020	1.143	50.00	51.29		LINR	2.6	
4-Chloroaniline	0.406	0.416	50.00	51.32		AVRG	2.6	
Carbazole	0.820	0.886	50.00	59.67		2ORDR	19.3	
Caprolactam	0.102	0.113	50.00	55.50		AVRG	11.0	
4-Chloro-3-methylphenol	0.300	0.329	50.00	54.89		AVRG	9.8	20.0
2-Chloronaphthalene	1.122	1.095	50.00	48.79		AVRG	-2.4	
2-Chlorophenol	1.334	1.302	50.00	48.82		AVRG	-2.4	
4-Chlorophenyl-phenylether	0.517	0.502	50.00	48.60		AVRG	-2.8	
Chrysene	1.202	1.277	50.00	53.11		AVRG	6.2	
Dibenz(a,h)anthracene	0.717	0.790	50.00	50.79		2ORDR	1.6	
Dibenzofuran	1.598	1.565	50.00	48.94		AVRG	-2.1	
1,2-Dichlorobenzene	1.342	1.237	50.00	46.08		AVRG	-7.8	
1,4-Dichlorobenzene	1.430	1.395	50.00	48.79		AVRG	-2.4	20.0
1,3-Dichlorobenzene	1.462	1.460	50.00	49.96		AVRG	-0.1	
3,3'-Dichlorobenzidine	0.273	0.274	50.00	40.93		LINR	-18.1	
2,4-Dichlorophenol	0.292	0.287	50.00	49.23		AVRG	-1.5	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0313

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.341	50.00	51.37		LINR	2.7	
2,4-Dimethylphenol	0.358	0.356	50.00	49.74		AVRG	-0.5	
Dimethylphthalate	1.413	1.462	50.00	51.73		AVRG	3.5	
Di-n-butylphthalate	1.737	1.822	50.00	52.45		AVRG	4.9	
4,6-Dinitro-2-methylphenol	0.158	0.180	50.00	47.61		LINR	-4.8	
2,4-Dinitrophenol	0.172	0.164	50.00	44.94	0.050	2ORDR	-10.1	
2,4-Dinitrotoluene	0.416	0.451	50.00	54.19		AVRG	8.4	
2,6-Dinitrotoluene	0.312	0.365	50.00	54.08		LINR	8.2	
Di-n-octylphthalate	2.093	2.444	50.00	52.89		LINR	5.8	20.0
1,2-Diphenylhydrazine	1.223	1.324	50.00	54.15		AVRG	8.3	
Fluoranthene	1.118	1.121	50.00	50.14		AVRG	0.3	20.0
Fluorene	1.198	1.243	50.00	51.86		AVRG	3.7	
Hexachlorobenzene	0.282	0.279	50.00	49.58		AVRG	-0.8	
Hexachlorobutadiene	0.178	0.168	50.00	47.28		AVRG	-5.4	20.0
Hexachlorocyclopentadiene	0.204	0.163	50.00	35.99	0.050	LINR	-28.0	
Hexachloroethane	0.658	0.629	50.00	47.84		AVRG	-4.3	
Indeno(1,2,3-cd)pyrene	0.704	0.724	50.00	47.35		2ORDR	-5.3	
Isophorone	0.772	0.734	50.00	47.53		AVRG	-4.9	
1-Methylnaphthalene	0.537	0.490	50.00	45.56		AVRG	-8.9	
2-Methylnaphthalene	0.542	0.523	50.00	48.23		AVRG	-3.5	
Naphthalene	0.962	0.892	50.00	46.36		AVRG	-7.3	
4-Methylphenol	1.092	1.167	50.00	53.43		AVRG	6.9	
3-Methylphenol	1.095	1.167	50.00	53.25		AVRG	6.5	
2-Methylphenol	1.132	1.163	50.00	51.39		AVRG	2.8	
2-Nitroaniline	0.423	0.466	50.00	50.69		LINR	1.4	
3-Nitroaniline	0.294	0.336	50.00	55.55		2ORDR	11.1	
4-Nitroaniline	0.211	0.313	50.00	68.26		2ORDR	36.5	
Nitrobenzene	0.399	0.413	50.00	51.77		AVRG	3.5	
2-Nitrophenol	0.229	0.259	50.00	56.44		AVRG	12.9	20.0
4-Nitrophenol	0.246	0.292	50.00	56.66	0.050	2ORDR	13.3	
N-Nitroso-di-methylamine	0.699	0.702	50.00	50.20		AVRG	0.4	
N-Nitrosodiphenylamine(1)	0.548	0.586	50.00	53.41		AVRG	6.8	20.0
N-Nitroso-di-n-propylamine	0.938	0.956	50.00	50.94	0.050	AVRG	1.9	
Pentachlorophenol	0.160	0.172	50.00	48.13		LINR	-3.7	20.0
Phenanthrene	1.081	1.109	50.00	51.31		AVRG	2.6	
Phenol	1.779	1.715	50.00	48.20		AVRG	-3.6	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0313

Lab File ID: CCV050SE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.901	50.00	57.14		AVRG	14.3	
Pyridine	1.378	1.328	50.00	44.13		LINR	-11.7	
1,2,4-Trichlorobenzene	0.311	0.303	50.00	48.75		AVRG	-2.5	
2,4,5-Trichlorophenol	0.410	0.434	50.00	52.92		AVRG	5.8	
2,4,6-Trichlorophenol	0.392	0.399	50.00	50.86		AVRG	1.7	20.0
2-Fluorophenol	1.291	1.269	100.0	98.30		AVRG	-1.7	
Phenol-d6	1.456	1.348	100.0	92.54		AVRG	-7.4	
Nitrobenzene-d5	0.406	0.434	50.00	53.39		AVRG	6.8	
2-Fluorobiphenyl	1.304	1.239	50.00	47.54		AVRG	-4.9	
2,4,6-Tribromophenol	0.152	0.161	100.0	106.1		AVRG	6.1	
Terphenyl-d14	1.005	1.176	50.00	58.50		AVRG	17.0	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0348

Lab File ID: CCVAP9ASE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

12/7/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.438	50.00	49.93		2ORDR	-0.1	20.0
4-Aminobiphenyl	0.779	0.787	50.00	50.54		AVRG	1.1	20.0
m-Dinitrobenzene	0.176	0.230	50.00	48.60		LINR	-2.8	20.0
Hexachloropropene	0.140	0.138	50.00	49.09		AVRG	-1.8	20.0
Isodrin	0.206	0.245	50.00	59.48		AVRG	19.0	20.0
Kepone	0.171	0.186	50.00	48.35		LINR	-3.3	20.0
5-Nitro-o-toluidine	0.319	0.434	50.00	53.15		2ORDR	6.3	20.0
Pentachlorobenzene	0.475	0.527	50.00	55.43		AVRG	10.9	20.0
Pentachloronitrobenzene	0.082	0.103	50.00	58.43		LINR	16.9	20.0
Pentachloroethane	0.486	0.494	50.00	50.91	0.050	AVRG	1.8	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.292	50.00	56.39		AVRG	12.8	20.0
o-Toluidine	1.808	1.670	50.00	46.17		AVRG	-7.7	20.0
sym-Trinitrobenzene	0.170	0.232	50.00	48.03		2ORDR	-3.9	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0423

Lab File ID: CCVAP9BSE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.079	50.00	53.05		AVRG	6.1	
Chlorobenzilate	0.387	0.388	50.00	50.03		AVRG	0.0	
Diallate	0.863	0.709	50.00	41.07		AVRG	-17.8	
2,6-Dichlorophenol	0.266	0.291	50.00	54.68		AVRG	9.4	
p-(Dimethylamino)azobenzene	0.256	0.268	50.00	52.31		AVRG	4.6	
7,12-Dimethylbenz[a]anthrace	0.478	0.454	50.00	44.28		LINR	-11.4	
3,3'-Dimethylbenzidine	0.590	0.643	50.00	47.25		2ORDR	-5.5	
Dinoseb	0.117	0.133	50.00	44.86		2ORDR	-10.3	
Diphenylamine	0.923	0.897	50.00	48.60		AVRG	-2.8	
Ethyl methanesulfonate	1.344	1.133	50.00	42.15		AVRG	-15.7	
Isosafrole	0.944	0.906	50.00	47.98		AVRG	-4.0	
Methapyrilene	0.659	0.771	50.00	51.94		LINR	3.9	
3-Methylcholanthrene	0.526	0.530	50.00	50.36		AVRG	0.7	
Methyl methanesulfonate	0.945	0.848	50.00	44.91		AVRG	-10.2	
1,4-Naphthoquinone	0.425	0.331	50.00	38.95		AVRG	-22.1	
1-Naphthylamine	1.043	1.091	50.00	52.30		AVRG	4.6	
2-Naphthylamine	1.124	1.091	50.00	48.52		AVRG	-3.0	
4-Nitroquinoline-1-oxide	0.036	0.032	50.00	35.47		2ORDR	-29.1	
N-Nitrosodi-n-butylamine	~~0.247~~	~~0.232~~	50.00	46.85		AVRG	-6.3	
N-Nitrosodiethylamine	0.658	0.578	50.00	43.92		AVRG	-12.2	
N-Nitrosomethylethylamine	0.798	0.622	50.00	38.92		AVRG	-22.2	
N-Nitrosomorpholine	0.853	0.722	50.00	42.28		AVRG	-15.4	
N-Nitrosopiperidine	0.206	0.217	50.00	52.76		AVRG	5.5	
N-Nitrosopyrrolidine	0.703	0.579	50.00	41.20		AVRG	-17.6	
Phenacetin	0.444	0.507	50.00	50.88		LINR	1.8	
2-Picoline	1.642	1.249	50.00	38.02		AVRG	-24.0	
Pronamide	0.327	0.355	50.00	46.87		LINR	-6.3	
Safrole	0.244	0.239	50.00	48.95		AVRG	-2.1	
2,3,4,6-Tetrachlorophenol	0.227	0.272	50.00	54.30		LINR	8.6	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 0458

Lab File ID: CCVAP9CSE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.419	50.00	51.06		AVRG	2.1	20.0
a,a-Dimethyl-phenethylamine	1.028	0.856	125.0	97.87		LINR	-21.7	20.0
Disulfoton	0.567	0.550	50.00	48.43		AVRG	-3.1	20.0
Famphur	0.342	0.414	50.00	56.12		2ORDR	12.2	20.0
Hexachlorophene	0.069	0.047	250.0	203.4		2ORDR	-18.6	20.0
Methyl parathion	0.359	~~0.490~~	50.00	54.48		2ORDR	9.0	20.0
Parathion	0.239	0.325	50.00	56.40		LINR	12.8	20.0
p-Phenylenediamine	0.279	0.317	125.0	120.7		2ORDR	-3.4	20.0
Phorate	0.808	0.739	50.00	45.74		AVRG	-8.5	20.0
Sulfotepp	0.221	0.234	50.00	52.83		AVRG	5.6	20.0
Thionazin	0.224	0.264	50.00	58.90		AVRG	17.8	20.0
O,O,O-Triethylphosphorothioa	0.169	0.169	50.00	50.02		AVRG	0.0	20.0

2012, MC

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1116B3 DFTPP Injection Date: 11/17/06

Instrument ID: BNA1 DFTPP Injection Time: 1528

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	50.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	87.8
70	Less than 2.0% of mass 69	0.3 (0.3)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	8.0
275	10.0 - 30.0% of mass 198	16.6
365	Greater than 1.0% of mass 198	1.35
441	Present, but less than mass 443	6.8
442	Greater than 40.0% of mass 198	41.6
443	17.0 - 23.0% of mass 442	8.5 (20.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050F	11/17/06	1548
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9AF	11/17/06	1623
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9BF	11/17/06	1659
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9CF	11/17/06	1734
05	S1-SD-08-00-	0611056-08	1105608D 10X	11/17/06	1844
06	S2-SS-09-00-	0611056-19	1105619D 10X	11/18/06	0036
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1548

Lab File ID: CCV050F Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.127	50.00	49.08		AVRG	-1.8	20.0
Acenaphthylene	1.619	1.648	50.00	50.90		AVRG	1.8	
Acetophenone	1.526	1.595	50.00	52.26		AVRG	4.5	
Aniline	1.507	1.690	50.00	72.03		2ORDR	44.1	
Anthracene	1.044	1.123	50.00	53.78		AVRG	7.6	
Atrazine	0.205	0.213	50.00	47.44		LINR	-5.1	
Benzaldehyde	0.904	0.788	50.00	43.58		AVRG	-12.8	
Benzidine	0.614	0.067	50.00	11.26		LINR	-77.5	
Benzoic acid	0.222	0.312	50.00	55.08		LINR	10.2	
Benzo(a)anthracene	1.331	1.334	50.00	50.11		AVRG	0.2	
Benzo(b)fluoranthene	1.179	1.320	50.00	52.23		LINR	4.4	
Benzo(k)fluoranthene	1.276	1.470	50.00	57.60		AVRG	15.2	
Benzo(g,h,i)perylene	0.845	0.813	50.00	48.09		AVRG	-3.8	
Benzo(a)pyrene	1.061	1.194	50.00	56.26		AVRG	12.5	20.0
Benzyl alcohol	0.766	0.917	50.00	59.84		AVRG	19.7	
1,1'-Biphenyl	1.159	1.155	50.00	49.80		AVRG	-0.4	
bis(2-Chloroethoxy)methane	0.482	0.513	50.00	53.20		AVRG	6.4	
bis(2-Chloroethyl)ether	1.421	1.556	50.00	54.76		AVRG	9.5	
bis(2-Chloroisopropyl)ether	2.268	2.259	50.00	49.78		AVRG	-0.4	
Bis(2-ethylhexyl)phthalate	1.197	1.388	50.00	51.56		LINR	3.1	
4-Bromophenyl-phenylether	0.247	0.265	50.00	53.46		AVRG	6.9	
Butylbenzylphthalate	1.020	1.168	50.00	52.40		LINR	4.8	
4-Chloroaniline	0.406	0.428	50.00	52.68		AVRG	5.4	
Carbazole	0.820	0.960	50.00	64.68		2ORDR	29.4	
Caprolactam	0.102	0.120	50.00	59.06		AVRG	18.1	
4-Chloro-3-methylphenol	0.300	0.333	50.00	55.55		AVRG	11.1	20.0
2-Chloronaphthalene	1.122	1.101	50.00	49.05		AVRG	-1.9	
2-Chlorophenol	1.334	1.363	50.00	51.11		AVRG	2.2	
4-Chlorophenyl-phenylether	0.517	0.533	50.00	51.62		AVRG	3.2	
Chrysene	1.202	1.205	50.00	50.12		AVRG	0.2	
Dibenz(a,h)anthracene	0.717	0.759	50.00	49.15		2ORDR	-1.7	
Dibenzofuran	1.598	1.520	50.00	47.53		AVRG	-4.9	
1,2-Dichlorobenzene	1.342	1.367	50.00	50.94		AVRG	1.9	
1,4-Dichlorobenzene	1.430	1.502	50.00	52.50		AVRG	5.0	20.0
1,3-Dichlorobenzene	1.462	1.451	50.00	49.64		AVRG	-0.7	
3,3'-Dichlorobenzidine	0.273	0.299	50.00	44.38		LINR	-11.2	
2,4-Dichlorophenol	0.292	0.309	50.00	53.03		AVRG	6.0	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1548

Lab File ID: CCV050F Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D	
Diethylphthalate	1.473	1.430	50.00	54.96		LINR	9.9		
2,4-Dimethylphenol	0.358	0.402	50.00	56.19		AVRG	12.4		
Dimethylphthalate	1.413	1.396	50.00	49.37		AVRG	-1.2		
Di-n-butylphthalate	1.737	1.862	50.00	53.60		AVRG	7.2		
4,6-Dinitro-2-methylphenol	0.158	0.111	50.00	31.14		LINR	-37.7		
2,4-Dinitrophenol	0.172	0.086	50.00	25.15	0.050	2ORDR	-49.7		
2,4-Dinitrotoluene	0.416	0.422	50.00	50.62		AVRG	1.2		
2,6-Dinitrotoluene	0.312	0.340	50.00	50.41		LINR	0.8		
Di-n-octylphthalate	2.093	3.112	50.00	67.36		LINR	34.7	20.0	<
1,2-Diphenylhydrazine	1.223	1.379	50.00	56.39		AVRG	12.8		
Fluoranthene	1.118	1.105	50.00	49.40		AVRG	-1.2	20.0	
Fluorene	1.198	1.200	50.00	50.09		AVRG	0.2		
Hexachlorobenzene	0.282	0.286	50.00	50.74		AVRG	1.5		
Hexachlorobutadiene	0.178	0.173	50.00	48.48		AVRG	-3.0	20.0	
Hexachlorocyclopentadiene	0.204	0.099	50.00	22.95	0.050	LINR	-54.1		
Hexachloroethane	0.658	0.646	50.00	49.08		AVRG	-1.8		
Indeno(1,2,3-cd)pyrene	0.704	0.753	50.00	48.95		2ORDR	-2.1		
Isophorone	0.772	0.767	50.00	49.70		AVRG	-0.6		
1-Methylnaphthalene	0.537	0.597	50.00	55.58		AVRG	11.2		
2-Methylnaphthalene	0.542	0.570	50.00	52.65		AVRG	5.3		
Naphthalene	0.962	0.961	50.00	49.93		AVRG	-0.1		
4-Methylphenol	1.092	1.187	50.00	54.39		AVRG	8.8		
3-Methylphenol	1.095	1.187	50.00	54.20		AVRG	8.4		
2-Methylphenol	1.132	1.256	50.00	55.48		AVRG	11.0		
2-Nitroaniline	0.423	0.483	50.00	52.56		LINR	5.1		
3-Nitroaniline	0.294	0.364	50.00	59.55		2ORDR	19.1		
4-Nitroaniline	0.211	0.346	50.00	72.64		2ORDR	45.3		
Nitrobenzene	0.399	0.413	50.00	51.74		AVRG	3.5		
2-Nitrophenol	0.229	0.278	50.00	60.64		AVRG	21.3	20.0	<
4-Nitrophenol	0.246	0.240	50.00	47.85	0.050	2ORDR	-4.3		
N-Nitroso-di-methylamine	0.699	0.886	50.00	63.38		AVRG	26.8		
N-Nitrosodiphenylamine(1)	0.548	0.643	50.00	58.62		AVRG	17.2	20.0	
N-Nitroso-di-n-propylamine	0.938	0.953	50.00	50.80	0.050	AVRG	1.6		
Pentachlorophenol	0.160	0.151	50.00	42.24		LINR	-15.5	20.0	
Phenanthrene	1.081	1.115	50.00	51.58		AVRG	3.2		
Phenol	1.779	1.726	50.00	48.50		AVRG	-3.0	20.0	

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1548

Lab File ID: CCV050F Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.889	50.00	56.76		AVRG	13.5	
Pyridine	1.378	1.717	50.00	57.04		LINR	14.1	
1,2,4-Trichlorobenzene	0.311	0.319	50.00	51.30		AVRG	2.6	
2,4,5-Trichlorophenol	0.410	0.409	50.00	49.90		AVRG	-0.2	
2,4,6-Trichlorophenol	0.392	0.416	50.00	52.93		AVRG	5.9	20.0
2-Fluorophenol	1.291	1.416	100.0	109.6		AVRG	9.6	
Phenol-d6	1.456	1.421	100.0	97.60		AVRG	-2.4	
Nitrobenzene-d5	0.406	0.444	50.00	54.64		AVRG	9.3	
2-Fluorobiphenyl	1.304	1.314	50.00	50.41		AVRG	0.8	
2,4,6-Tribromophenol	0.152	0.163	100.0	107.3		AVRG	7.3	
Terphenyl-d14	1.005	1.132	50.00	56.34		AVRG	12.7	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1623

Lab File ID: CCVAP9AF Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.530	50.00	59.19		2ORDR	18.4	20.0
4-Aminobiphenyl	0.779	0.845	50.00	54.26		AVRG	8.5	20.0
m-Dinitrobenzene	0.176	0.242	50.00	51.03		LINR	2.1	20.0
Hexachloropropene	0.140	0.103	50.00	36.88		AVRG	-26.2	20.0
Isodrin	0.206	0.236	50.00	57.24		AVRG	14.5	20.0
Kepone	0.171	0.172	50.00	44.71		LINR	-10.6	20.0
5-Nitro-o-toluidine	0.319	0.447	50.00	54.93		2ORDR	9.9	20.0
Pentachlorobenzene	0.475	0.536	50.00	56.43		AVRG	12.9	20.0
Pentachloronitrobenzene	0.082	0.105	50.00	59.63		LINR	19.2	20.0
Pentachloroethane	0.486	0.464	50.00	47.83	0.050	AVRG	-4.3	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.267	50.00	51.54		AVRG	3.1	20.0
o-Toluidine	1.808	1.706	50.00	47.18		AVRG	-5.6	20.0
sym-Trinitrobenzene	0.170	0.187	50.00	40.66		2ORDR	-18.7	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1659

Lab File ID: CCVAP9BF Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.095	50.00	63.54		AVRG	27.1	
Chlorobenzilate	0.387	0.468	50.00	60.48		AVRG	21.0	
Diallate	0.863	0.871	50.00	50.47		AVRG	0.9	
2,6-Dichlorophenol	0.266	0.270	50.00	50.67		AVRG	1.3	
p-(Dimethylamino)azobenzene	0.256	0.302	50.00	58.84		AVRG	17.7	
7,12-Dimethylbenz[a]anthrace	0.478	0.431	50.00	42.04		LINR	-15.9	
3,3'-Dimethylbenzidine	0.590	0.691	50.00	51.38		2ORDR	2.8	
Dinoseb	0.117	0.047	50.00	19.86		2ORDR	-60.3	
Diphenylamine	0.923	1.006	50.00	54.48		AVRG	9.0	
Ethyl methanesulfonate	1.344	1.150	50.00	42.77		AVRG	-14.5	
Isosafrole	0.944	0.975	50.00	51.66		AVRG	3.3	
Methapyrilene	0.659	0.984	50.00	66.27		LINR	32.5	
3-Methylcholanthrene	0.526	0.527	50.00	50.00		AVRG	0.0	
Methyl methanesulfonate	0.945	0.912	50.00	48.26		AVRG	-3.5	
1,4-Naphthoquinone	0.425	0.375	50.00	44.09		AVRG	-11.8	
1-Naphthylamine	1.043	1.102	50.00	52.81		AVRG	5.6	
2-Naphthylamine	1.124	1.125	50.00	50.03		AVRG	0.0	
4-Nitroquinoline-1-oxide	0.036	0.013	50.00	18.48		2ORDR	-63.0	
N-Nitrosodi-n-butylamine	0.247	0.229	50.00	46.37		AVRG	-7.3	
N-Nitrosodiethylamine	0.658	0.551	50.00	41.88		AVRG	-16.2	
N-Nitrosomethylethylamine	0.798	0.653	50.00	40.88		AVRG	-18.2	
N-Nitrosomorpholine	0.853	0.734	50.00	43.01		AVRG	-14.0	
N-Nitrosopiperidine	0.206	0.185	50.00	44.92		AVRG	-10.2	
N-Nitrosopyrrolidine	0.703	0.572	50.00	40.72		AVRG	-18.6	
Phenacetin	0.444	0.532	50.00	53.36		LINR	6.7	
2-Picoline	1.642	1.253	50.00	38.16		AVRG	-23.7	
Pronamide	0.327	0.390	50.00	51.50		LINR	3.0	
Safrole	0.244	0.237	50.00	48.69		AVRG	-2.6	
2,3,4,6-Tetrachlorophenol	0.227	0.267	50.00	53.31		LINR	6.6	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/17/06 Time: 1734

Lab File ID: CCVAP9CF Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.441	50.00	53.76		AVRG	7.5	20.0
a,a-Dimethyl-phenethylamine	1.028	0.886	125.0	101.3		LINR	-18.9	20.0
Disulfoton	0.567	0.572	50.00	50.41		AVRG	0.8	20.0
Famphur	0.342	0.454	50.00	62.87		2ORDR	25.7	20.0
Hexachlorophene	0.069	0.002	250.0	83.34		2ORDR	-66.7	20.0
Methyl parathion	0.359	0.561	50.00	62.85		2ORDR	25.7	20.0
Parathion	0.239	0.340	50.00	58.95		LINR	17.9	20.0
p-Phenylenediamine	0.279	0.320	125.0	122.1		2ORDR	-2.3	20.0
Phorate	0.808	0.768	50.00	47.50		AVRG	-5.0	20.0
Sulfotepp	0.221	0.253	50.00	57.15		AVRG	14.3	20.0
Thionazin	0.224	0.278	50.00	62.12		AVRG	24.2	20.0
O,O,O-Triethylphosphorothioa	0.169	0.176	50.00	51.99		AVRG	4.0	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1118B1 DFTPP Injection Date: 11/18/06

Instrument ID: BNA1 DFTPP Injection Time: 0910

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	70.8
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	47.6
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 30.0% of mass 198	16.6
365	Greater than 1.0% of mass 198	1.98
441	Present, but less than mass 443	9.0
442	Greater than 40.0% of mass 198	54.9
443	17.0 - 23.0% of mass 442	10.7 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050S	11/18/06	0930
02	APP9ACCV050P	APP9ACCV050PPM	APPACCV	11/18/06	1005
03	APP9BCCV050P	APP9BCCV050PPM	APPBCCV	11/18/06	1041
04	APP9CCCV050P	APP9CCCV050PPM	APPCCCV	11/18/06	1116
05	SBLK1114BS1	SBLK1114BS1	SSBL114	11/18/06	1709
06	SBLK1114BS1L	SBLK1114BS1LCS	SSLC114	11/18/06	1744
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

no samples affected not addressed in narrative

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 0930

Lab File ID: CCV050S Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.108	50.00	48.29		AVRG	-3.4	20.0
Acenaphthylene	1.619	1.546	50.00	47.74		AVRG	-4.5	
Acetophenone	1.526	1.537	50.00	50.34		AVRG	0.7	
Aniline	1.507	1.491	50.00	60.80		2ORDR	21.6	
Anthracene	1.044	1.076	50.00	51.52		AVRG	3.0	
Atrazine	0.205	0.203	50.00	45.22		LINR	-9.6	
Benzaldehyde	0.904	0.610	50.00	33.75		AVRG	-32.5	
Benzidine	0.614	0.056	50.00	10.58		LINR	-78.8	
Benzoic acid	0.222	0.282	50.00	50.18		LINR	0.4	
Benzo(a)anthracene	1.331	1.385	50.00	52.04		AVRG	4.1	
Benzo(b)fluoranthene	1.179	1.209	50.00	47.82		LINR	-4.4	
Benzo(k)fluoranthene	1.276	1.221	50.00	47.85		AVRG	-4.3	
Benzo(g,h,i)perylene	0.845	0.876	50.00	51.82		AVRG	3.6	
Benzo(a)pyrene	1.061	1.129	50.00	53.19		AVRG	6.4	20.0
Benzyl alcohol	0.766	0.847	50.00	55.32		AVRG	10.6	
1,1'-Biphenyl	1.159	1.214	50.00	52.34		AVRG	4.7	
bis(2-Chloroethoxy)methane	0.482	0.455	50.00	47.23		AVRG	-5.5	
bis(2-Chloroethyl)ether	1.421	1.460	50.00	51.40		AVRG	2.8	
bis(2-Chloroisopropyl)ether	2.268	2.296	50.00	50.61		AVRG	1.2	
Bis(2-ethylhexyl)phthalate	1.197	1.618	50.00	60.10		LINR	20.2	
4-Bromophenyl-phenylether	0.247	0.274	50.00	55.31		AVRG	10.6	
Butylbenzylphthalate	1.020	1.253	50.00	56.20		LINR	12.4	
4-Chloroaniline	0.406	0.384	50.00	47.30		AVRG	-5.4	
Carbazole	0.820	0.782	50.00	52.67		2ORDR	5.3	
Caprolactam	0.102	0.114	50.00	55.87		AVRG	11.7	
4-Chloro-3-methylphenol	0.300	0.320	50.00	53.36		AVRG	6.7	20.0
2-Chloronaphthalene	1.122	1.110	50.00	49.48		AVRG	-1.0	
2-Chlorophenol	1.334	1.412	50.00	52.94		AVRG	5.9	
4-Chlorophenyl-phenylether	0.517	0.494	50.00	47.86		AVRG	-4.3	
Chrysene	1.202	1.284	50.00	53.40		AVRG	6.8	
Dibenz(a,h)anthracene	0.717	0.789	50.00	50.72		2ORDR	1.4	
Dibenzofuran	1.598	1.494	50.00	46.72		AVRG	-6.6	
1,2-Dichlorobenzene	1.342	1.377	50.00	51.32		AVRG	2.6	
1,4-Dichlorobenzene	1.430	1.448	50.00	50.64		AVRG	1.3	20.0
1,3-Dichlorobenzene	1.462	1.555	50.00	53.20		AVRG	6.4	
3,3'-Dichlorobenzidine	0.273	0.242	50.00	36.42		LINR	-27.2	
2,4-Dichlorophenol	0.292	0.311	50.00	53.30		AVRG	6.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 0930

Lab File ID: CCV050S Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.309	50.00	50.08		LINR	0.2	
2,4-Dimethylphenol	0.358	0.403	50.00	56.24		AVRG	12.5	
Dimethylphthalate	1.413	1.321	50.00	46.73		AVRG	-6.5	
Di-n-butylphthalate	1.737	1.991	50.00	57.30		AVRG	14.6	
4,6-Dinitro-2-methylphenol	0.158	0.165	50.00	44.08		LINR	-11.8	
2,4-Dinitrophenol	0.172	0.166	50.00	45.34	0.050	2ORDR	-9.3	
2,4-Dinitrotoluene	0.416	0.428	50.00	51.42		AVRG	2.8	
2,6-Dinitrotoluene	0.312	0.336	50.00	49.82		LINR	-0.4	
Di-n-octylphthalate	2.093	2.615	50.00	56.59		LINR	13.2	20.0
1,2-Diphenylhydrazine	1.223	1.393	50.00	56.95		AVRG	13.9	
Fluoranthene	1.118	1.108	50.00	49.53		AVRG	-0.9	20.0
Fluorene	1.198	1.105	50.00	46.10		AVRG	-7.8	
Hexachlorobenzene	0.282	0.309	50.00	54.88		AVRG	9.8	
Hexachlorobutadiene	0.178	0.172	50.00	48.23		AVRG	-3.5	20.0
Hexachlorocyclopentadiene	0.204	0.208	50.00	45.12	0.050	LINR	-9.8	
Hexachloroethane	0.658	0.688	50.00	52.34		AVRG	4.7	
Indeno(1,2,3-cd)pyrene	0.704	0.792	50.00	51.02		2ORDR	2.0	
Isophorone	0.772	0.794	50.00	51.41		AVRG	2.8	
1-Methylnaphthalene	0.537	0.542	50.00	50.42		AVRG	0.8	
2-Methylnaphthalene	0.542	0.553	50.00	51.02		AVRG	2.0	
Naphthalene	0.962	0.936	50.00	48.65		AVRG	-2.7	
4-Methylphenol	1.092	1.136	50.00	52.02		AVRG	4.0	
3-Methylphenol	1.095	1.136	50.00	51.84		AVRG	3.7	
2-Methylphenol	1.132	1.239	50.00	54.71		AVRG	9.4	
2-Nitroaniline	0.423	0.388	50.00	42.18		LINR	-15.6	
3-Nitroaniline	0.294	0.269	50.00	45.53		2ORDR	-8.9	
4-Nitroaniline	0.211	0.235	50.00	55.66		2ORDR	11.3	
Nitrobenzene	0.399	0.393	50.00	49.31		AVRG	-1.4	
2-Nitrophenol	0.229	0.250	50.00	54.43		AVRG	8.8	20.0
4-Nitrophenol	0.246	0.219	50.00	44.22	0.050	2ORDR	-11.6	
N-Nitroso-di-methylamine	0.699	0.831	50.00	59.48		AVRG	19.0	
N-Nitrosodiphenylamine(1)	0.548	0.626	50.00	57.11		AVRG	14.2	20.0
N-Nitroso-di-n-propylamine	0.938	0.948	50.00	50.50	0.050	AVRG	1.0	
Pentachlorophenol	0.160	0.166	50.00	46.41		LINR	-7.2	20.0
Phenanthrene	1.081	1.204	50.00	55.69		AVRG	11.4	
Phenol	1.779	1.656	50.00	46.55		AVRG	-6.9	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 0930

Lab File ID: CCV050S Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.812	50.00	54.45		AVRG	8.9	
Pyridine	1.378	1.434	50.00	47.62		LINR	-4.8	
1,2,4-Trichlorobenzene	0.311	0.315	50.00	50.69		AVRG	1.4	
2,4,5-Trichlorophenol	0.410	0.398	50.00	48.55		AVRG	-2.9	
2,4,6-Trichlorophenol	0.392	0.388	50.00	49.38		AVRG	-1.2	20.0
2-Fluorophenol	1.291	1.359	100.0	105.3		AVRG	5.3	
Phenol-d6	1.456	1.386	100.0	95.20		AVRG	-4.8	
Nitrobenzene-d5	0.406	0.442	50.00	54.46		AVRG	8.9	
2-Fluorobiphenyl	1.304	1.155	50.00	44.32		AVRG	-11.4	
2,4,6-Tribromophenol	0.152	0.168	100.0	110.3		AVRG	10.3	
Terphenyl-d14	1.005	1.120	50.00	55.74		AVRG	11.5	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 1005

Lab File ID: APPACCV Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.414	50.00	47.43		2ORDR	-5.1	20.0
4-Aminobiphenyl	0.779	0.743	50.00	47.74		AVRG	-4.5	20.0
m-Dinitrobenzene	0.176	0.208	50.00	43.85		LINR	-12.3	20.0
Hexachloropropene	0.140	0.155	50.00	55.16		AVRG	10.3	20.0
Isodrin	0.206	0.316	50.00	76.64		AVRG	53.3	20.0
Kepone	0.171	0.219	50.00	57.01		LINR	14.0	20.0
5-Nitro-o-toluidine	0.319	0.326	50.00	39.35		2ORDR	-21.3	20.0
Pentachlorobenzene	0.475	0.472	50.00	49.68		AVRG	-0.6	20.0
Pentachloronitrobenzene	0.082	0.115	50.00	65.51		LINR	31.0	20.0
Pentachloroethane	0.486	0.536	50.00	55.17	0.050	AVRG	10.3	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.260	50.00	50.18		AVRG	0.4	20.0
o-Toluidine	1.808	1.732	50.00	47.91		AVRG	-4.2	20.0
sym-Trinitrobenzene	0.170	0.200	50.00	42.89		2ORDR	-14.2	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 1041

Lab File ID: APPBCCV Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.095	50.00	63.95		AVRG	27.9	
Chlorobenzilate	0.387	0.456	50.00	58.86		AVRG	17.7	
Diallate	0.863	0.824	50.00	47.70		AVRG	-4.6	
2,6-Dichlorophenol	0.266	0.295	50.00	55.36		AVRG	10.7	
p-(Dimethylamino)azobenzene	0.256	0.292	50.00	56.97		AVRG	13.9	
7,12-Dimethylbenz[a]anthrace	0.478	0.517	50.00	50.38		LINR	0.8	
3,3'-Dimethylbenzidine	0.590	0.584	50.00	42.34		2ORDR	-15.3	
Dinoseb	0.117	0.144	50.00	47.94		2ORDR	-4.1	
Diphenylamine	0.923	0.929	50.00	50.34		AVRG	0.7	
Ethyl methanesulfonate	1.344	1.214	50.00	45.17		AVRG	-9.6	
Isosafrole	0.944	0.929	50.00	49.21		AVRG	-1.6	
Methapyrilene	0.659	0.862	50.00	58.05		LINR	16.1	
3-Methylcholanthrene	0.526	0.562	50.00	53.34		AVRG	6.7	
Methyl methanesulfonate	0.945	0.932	50.00	49.32		AVRG	-1.4	
1,4-Naphthoquinone	0.425	0.323	50.00	38.03		AVRG	-23.9	
1-Naphthylamine	1.043	0.963	50.00	46.18		AVRG	-7.6	
2-Naphthylamine	1.124	1.108	50.00	49.30		AVRG	-1.4	
4-Nitroquinoline-1-oxide	0.036	0.050	50.00	50.98		2ORDR	2.0	
N-Nitrosodi-n-butylamine	0.247	0.247	50.00	49.85		AVRG	-0.3	
N-Nitrosodiethylamine	0.658	0.620	50.00	47.10		AVRG	-5.8	
N-Nitrosomethylethylamine	0.798	0.667	50.00	41.75		AVRG	-16.5	
N-Nitrosomorpholine	0.853	0.688	50.00	40.32		AVRG	-19.4	
N-Nitrosopiperidine	0.206	0.210	50.00	50.96		AVRG	1.9	
N-Nitrosopyrrolidine	0.703	0.561	50.00	39.90		AVRG	-20.2	
Phenacetin	0.444	0.464	50.00	46.52		LINR	-7.0	
2-Picoline	1.642	1.346	50.00	40.99		AVRG	-18.0	
Pronamide	0.327	0.393	50.00	51.85		LINR	3.7	
Safrole	0.244	0.242	50.00	49.65		AVRG	-0.7	
2,3,4,6-Tetrachlorophenol	0.227	0.254	50.00	50.76		LINR	1.5	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/18/06 Time: 1116

Lab File ID: APPCCCV Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.412	50.00	50.22		AVRG	0.4	20.0
a,a-Dimethyl-phenethylamine	1.028	0.984	125.0	112.4		LINR	-10.0	20.0
Disulfoton	0.567	0.595	50.00	52.42		AVRG	4.8	20.0
Famphur	0.342	0.430	50.00	58.73		2ORDR	17.4	20.0
Hexachlorophene	0.069	0.062	250.0	239.8		2ORDR	-4.1	20.0
Methyl parathion	0.359	0.533	50.00	59.54		2ORDR	19.1	20.0
Parathion	0.239	0.346	50.00	60.02		LINR	20.0	20.0
p-Phenylenediamine	0.279	0.308	125.0	117.7		2ORDR	-5.8	20.0
Phorate	0.808	0.823	50.00	50.96		AVRG	1.9	20.0
Sulfotepp	0.221	0.262	50.00	59.31		AVRG	18.6	20.0
Thionazin	0.224	0.262	50.00	58.55		AVRG	17.1	20.0
O,O,O-Triethylphosphorothioa	0.169	0.190	50.00	56.19		AVRG	12.4	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1129B1 DFTPP Injection Date: 11/29/06

Instrument ID: BNA1 DFTPP Injection Time: 0739

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	77.3
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	16.2
365	Greater than 1.0% of mass 198	1.98
441	Present, but less than mass 443	8.3
442	Greater than 40.0% of mass 198	50.0
443	17.0 - 23.0% of mass 442	10.4 (20.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	11/29/06	0834
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	11/29/06	0909
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	11/29/06	0944
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	11/29/06	1019
05	S1-SD-01-00-	0611056-01	1105601	11/29/06	1054
06	S1-SD-02-00-	0611056-02	1105602	11/29/06	1128
07	S1-SD-03-00-	0611056-03	1105603	11/29/06	1203
08	S1-SD-04-00-	0611056-04	1105604	11/29/06	1238
09	S1-SD-05-00-	0611056-05	1105605	11/29/06	1313
10	S1-SD-06-00-	0611056-06	1105606	11/29/06	1348
11	S1-SD-07-00-	0611056-07	1105607	11/29/06	1423
12	S1-SD-08-00-	0611056-08	1105608D	11/29/06	1458
13	S1-SD-09-00-	0611056-09	1105609	11/29/06	1533
14	S1FD11040602	0611056-10	1105610	11/29/06	1607
15	S2-SS-01-00-	0611056-11	1105611	11/29/06	1642
16	S2-SS-02-00-	0611056-12	1105612	11/29/06	1717
17	S2-SS-03-00-	0611056-13	1105613	11/29/06	1752
18	S2-SS-04-00-	0611056-14	1105614	11/29/06	1826
19	S2-SS-05-00-	0611056-15	1105615	11/29/06	1901
20	S2-SS-06-00-	0611056-16	1105616	11/29/06	1936
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 0834

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.119	50.00	48.76		AVRG	-2.5	20.0
Acenaphthylene	1.619	1.514	50.00	46.76		AVRG	-6.5	
Acetophenone	1.526	1.557	50.00	51.02		AVRG	2.0	
Aniline	1.507	1.368	50.00	54.21		2ORDR	8.4	
Anthracene	1.044	1.122	50.00	53.74		AVRG	7.5	
Atrazine	0.205	0.159	50.00	35.33		LINR	-29.3	
Benzaldehyde	0.904	0.554	50.00	30.65		AVRG	-38.7	
Benzidine non target	0.614	0.020	50.00	8.298		LINR	-83.4	
Benzoic acid	0.222	0.287	50.00	50.99		LINR	2.0	
Benzo(a)anthracene	1.331	1.409	50.00	52.92		AVRG	5.8	
Benzo(b)fluoranthene	1.179	1.269	50.00	50.19		LINR	0.4	
Benzo(k)fluoranthene	1.276	1.359	50.00	53.27		AVRG	6.5	
Benzo(g,h,i)perylene	0.845	0.882	50.00	52.15		AVRG	4.3	
Benzo(a)pyrene	1.061	1.153	50.00	54.35		AVRG	8.7	20.0
Benzyl alcohol	0.766	0.834	50.00	54.46		AVRG	8.9	
1,1'-Biphenyl	1.159	1.200	50.00	51.74		AVRG	3.5	
bis(2-Chloroethoxy)methane	0.482	0.446	50.00	46.24		AVRG	-7.5	
bis(2-Chloroethyl)ether	1.421	1.432	50.00	50.39		AVRG	0.8	
bis(2-Chloroisopropyl)ether	2.268	2.153	50.00	47.45		AVRG	-5.1	
Bis(2-ethylhexyl)phthalate	1.197	1.446	50.00	53.70		LINR	7.4	
4-Bromophenyl-phenylether	0.247	0.262	50.00	52.87		AVRG	5.7	
Butylbenzylphthalate	1.020	1.258	50.00	56.43		LINR	12.9	
4-Chloroaniline	0.406	0.419	50.00	51.59		AVRG	3.2	
Carbazole	0.820	0.816	50.00	54.97		2ORDR	9.9	
Caprolactam	0.102	0.108	50.00	53.23		AVRG	6.4	
4-Chloro-3-methylphenol	0.300	0.323	50.00	53.78		AVRG	7.6	20.0
2-Chloronaphthalene	1.122	1.145	50.00	51.01		AVRG	2.0	
2-Chlorophenol	1.334	1.362	50.00	51.04		AVRG	2.1	
4-Chlorophenyl-phenylether	0.517	0.549	50.00	53.18		AVRG	6.4	
Chrysene	1.202	1.246	50.00	51.82		AVRG	3.6	
Dibenz(a,h)anthracene	0.717	0.805	50.00	51.55		2ORDR	3.1	
Dibenzofuran	1.598	1.558	50.00	48.72		AVRG	-2.6	
1,2-Dichlorobenzene	1.342	1.326	50.00	49.42		AVRG	-1.2	
1,4-Dichlorobenzene	1.430	1.453	50.00	50.80		AVRG	1.6	20.0
1,3-Dichlorobenzene	1.462	1.499	50.00	51.27		AVRG	2.5	
3,3'-Dichlorobenzidine	0.273	0.228	50.00	34.54		LINR	-30.9	
2,4-Dichlorophenol	0.292	0.305	50.00	52.24		AVRG	4.5	20.0

not targets

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 0834

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.469	50.00	56.52		LINR	13.0	
2,4-Dimethylphenol	0.358	0.383	50.00	53.44		AVRG	6.9	
Dimethylphthalate	1.413	1.373	50.00	48.56		AVRG	-2.9	
Di-n-butylphthalate	1.737	1.971	50.00	56.74		AVRG	13.5	
4,6-Dinitro-2-methylphenol	0.158	0.192	50.00	50.57		LINR	1.1	
2,4-Dinitrophenol	0.172	0.180	50.00	48.65	0.050	2ORDR	-2.7	
2,4-Dinitrotoluene	0.416	0.435	50.00	52.26		AVRG	4.5	
2,6-Dinitrotoluene	0.312	0.340	50.00	50.38		LINR	0.8	
Di-n-octylphthalate	2.093	2.736	50.00	59.22		LINR	18.4	20.0
1,2-Diphenylhydrazine	1.223	1.321	50.00	54.01		AVRG	8.0	
Fluoranthene	1.118	1.130	50.00	50.53		AVRG	1.1	20.0
Fluorene	1.198	1.276	50.00	53.26		AVRG	6.5	
Hexachlorobenzene	0.282	0.280	50.00	49.77		AVRG	-0.4	
Hexachlorobutadiene	0.178	0.188	50.00	52.72		AVRG	5.4	20.0
Hexachlorocyclopentadiene	0.204	0.189	50.00	41.40	0.050	LINR	-17.2	
Hexachloroethane	0.658	0.659	50.00	50.13		AVRG	0.3	
Indeno(1,2,3-cd)pyrene	0.704	0.819	50.00	52.43		2ORDR	4.8	
Isophorone	0.772	0.696	50.00	45.05		AVRG	-9.9	
1-Methylnaphthalene	0.537	0.544	50.00	50.58		AVRG	1.2	
2-Methylnaphthalene	0.542	0.565	50.00	52.14		AVRG	4.3	
Naphthalene	0.962	0.933	50.00	48.49		AVRG	-3.0	
4-Methylphenol	1.092	1.119	50.00	51.26		AVRG	2.5	
3-Methylphenol	1.095	1.119	50.00	51.08		AVRG	2.2	
2-Methylphenol	1.132	1.236	50.00	54.58		AVRG	9.2	
2-Nitroaniline	0.423	0.454	50.00	49.36		LINR	-1.3	
3-Nitroaniline	0.294	0.299	50.00	50.08		2ORDR	0.2	
4-Nitroaniline	0.211	0.257	50.00	59.47		2ORDR	18.9	
Nitrobenzene	0.399	0.411	50.00	51.49		AVRG	3.0	
2-Nitrophenol	0.229	0.266	50.00	57.93		AVRG	15.9	20.0
4-Nitrophenol	0.246	0.226	50.00	45.54	0.050	2ORDR	-8.9	
N-Nitroso-di-methylamine	0.699	0.768	50.00	54.94		AVRG	9.9	
N-Nitrosodiphenylamine(1)	0.548	0.609	50.00	55.55		AVRG	11.1	20.0
N-Nitroso-di-n-propylamine	0.938	0.891	50.00	47.47	0.050	AVRG	-5.0	
Pentachlorophenol	0.160	0.179	50.00	50.16		LINR	0.3	20.0
Phenanthrene	1.081	1.145	50.00	52.96		AVRG	5.9	
Phenol	1.779	1.733	50.00	48.71		AVRG	-2.6	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 0834

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	2.003	50.00	60.20		AVRG	20.4	
Pyridine	1.378	1.597	50.00	53.05		LINR	6.1	
1,2,4-Trichlorobenzene	0.311	0.300	50.00	48.29		AVRG	-3.4	
2,4,5-Trichlorophenol	0.410	0.426	50.00	51.94		AVRG	3.9	
2,4,6-Trichlorophenol	0.392	0.408	50.00	52.02		AVRG	4.0	20.0
2-Fluorophenol	1.291	1.440	100.0	111.5		AVRG	11.5	
Phenol-d6	1.456	1.438	100.0	98.76		AVRG	-1.2	
Nitrobenzene-d5	0.406	0.424	50.00	52.28		AVRG	4.6	
2-Fluorobiphenyl	1.304	1.299	50.00	49.81		AVRG	-0.4	
2,4,6-Tribromophenol	0.152	0.169	100.0	111.4		AVRG	11.4	
Terphenyl-d14	1.005	1.156	50.00	57.51		AVRG	15.0	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 0909

Lab File ID: CCVAP9A Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.424	50.00	48.43		2ORDR	-3.1	20.0
4-Aminobiphenyl	0.779	0.788	50.00	50.60		AVRG	1.2	20.0
m-Dinitrobenzene	0.176	0.220	50.00	46.48		LINR	-7.0	20.0
Hexachloropropene	0.140	0.170	50.00	60.46		AVRG	20.9	20.0
Isodrin	0.206	0.267	50.00	64.65		AVRG	29.3	20.0
Kepone	0.171	0.221	50.00	57.62		LINR	15.2	20.0
5-Nitro-o-toluidine	0.319	0.366	50.00	44.32		2ORDR	-11.4	20.0
Pentachlorobenzene	0.475	0.510	50.00	53.70		AVRG	7.4	20.0
Pentachloronitrobenzene	0.082	0.113	50.00	64.15		LINR	28.3	20.0
Pentachloroethane	0.486	0.491	50.00	50.58	0.050	AVRG	1.2	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.301	50.00	58.13		AVRG	16.3	20.0
o-Toluidine	1.808	1.732	50.00	47.89		AVRG	-4.2	20.0
sym-Trinitrobenzene	0.170	0.248	50.00	50.54		2ORDR	1.1	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 0944

Lab File ID: CCVAP9B Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.102	50.00	68.67		AVRG	37.3	
Chlorobenzilate	0.387	0.501	50.00	64.67		AVRG	29.3	
Diallate	0.863	0.748	50.00	43.34		AVRG	-13.3	
2,6-Dichlorophenol	0.266	0.282	50.00	53.07		AVRG	6.1	
p-(Dimethylamino)azobenzene	0.256	0.332	50.00	64.81		AVRG	29.6	
7,12-Dimethylbenz[a]anthrace	0.478	0.430	50.00	41.95		LINR	-16.1	
3,3'-Dimethylbenzidine	0.590	0.593	50.00	43.07		2ORDR	-13.9	
Dinoseb	0.117	0.132	50.00	44.58		2ORDR	-10.8	
Diphenylamine	0.923	0.929	50.00	50.31		AVRG	0.6	
Ethyl methanesulfonate	1.344	1.184	50.00	44.04		AVRG	-11.9	
Isosafrole	0.944	0.929	50.00	49.23		AVRG	-1.5	
Methapyrilene	0.659	0.901	50.00	60.66		LINR	21.3	
3-Methylcholanthrene	0.526	0.608	50.00	57.68		AVRG	15.4	
Methyl methanesulfonate	0.945	0.852	50.00	45.07		AVRG	-9.9	
1,4-Naphthoquinone	0.425	0.342	50.00	40.26		AVRG	-19.5	
1-Naphthylamine	1.043	0.947	50.00	45.42		AVRG	-9.2	
2-Naphthylamine	1.124	1.149	50.00	51.12		AVRG	2.2	
4-Nitroquinoline-1-oxide	0.036	0.042	50.00	44.04		2ORDR	-11.9	
N-Nitrosodi-n-butylamine	0.247	0.238	50.00	48.17		AVRG	-3.6	
N-Nitrosodiethylamine	0.658	0.580	50.00	44.10		AVRG	-11.8	
N-Nitrosomethylethylamine	0.798	0.650	50.00	40.69		AVRG	-18.6	
N-Nitrosomorpholine	0.853	0.713	50.00	41.78		AVRG	-16.4	
N-Nitrosopiperidine	0.206	0.201	50.00	48.89		AVRG	-2.2	
N-Nitrosopyrrolidine	0.703	0.560	50.00	39.82		AVRG	-20.3	
Phenacetin	0.444	0.481	50.00	48.24		LINR	-3.5	
2-Picoline	1.642	1.354	50.00	41.23		AVRG	-17.5	
Pronamide	0.327	0.397	50.00	52.34		LINR	4.7	
Safrole	0.244	0.223	50.00	45.69		AVRG	-8.6	
2,3,4,6-Tetrachlorophenol	0.227	0.283	50.00	56.66		LINR	13.3	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 11/29/06 Time: 1019

Lab File ID: CCVAP9C Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.248	50.00	30.22		AVRG	-39.6	20.0
a,a-Dimethyl-phenethylamine	1.028	0.767	125.0	87.66		LINR	-29.9	20.0
Disulfoton	0.567	0.567	50.00	49.98		AVRG	-0.0	20.0
Famphur	0.342	0.243	50.00	29.90		2ORDR	-40.2	20.0
Hexachlorophene	0.069	0.026	250.0	149.0		2ORDR	-40.4	20.0
Methyl parathion	0.359	0.427	50.00	47.12		2ORDR	-5.8	20.0
Parathion	0.239	0.371	50.00	64.49		LINR	29.0	20.0
p-Phenylenediamine	0.279	0.263	125.0	101.5		2ORDR	-18.8	20.0
Phorate	0.808	0.787	50.00	48.71		AVRG	-2.6	20.0
Sulfotepp	0.221	0.252	50.00	57.00		AVRG	14.0	20.0
Thionazin	0.224	0.267	50.00	59.56		AVRG	19.1	20.0
O,O,O-Triethylphosphorothioa	0.169	0.169	50.00	50.08		AVRG	0.2	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1201B1 DFTPP Injection Date: 12/01/06

Instrument ID: BNA1 DFTPP Injection Time: 0717

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	75.4
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	49.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	15.6
365	Greater than 1.0% of mass 198	1.68
441	Present, but less than mass 443	8.3
442	Greater than 40.0% of mass 198	54.2
443	17.0 - 23.0% of mass 442	10.1 (18.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	12/01/06	0736
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	12/01/06	0811
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	12/01/06	0845
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	12/01/06	0920
05	S2-SS-07-00-	0611056-17	1105617	12/01/06	0955
06	S2-SS-09-00-	0611056-19	1105619	12/01/06	1029
07	S2-SS-10-00-	0611056-20	1105620	12/01/06	1104
08	S2-SS-11-00-	0611056-21	1105621	12/01/06	1139
09	S2-SS-12-00-	0611056-22	1105622	12/01/06	1213
10	S2-SS-13-00-	0611056-23	1105623	12/01/06	1248
11	S2-SS-14-00-	0611056-24	1105624	12/01/06	1322
12	S2-SS-15-00-	0611056-25	1105625	12/01/06	1357
13	S2-SS-15-00-	0611056-25	1105625M	12/01/06	1431
14	S2-SS-15-00-	0611056-25	1105625S	12/01/06	1506
15	S2-SS-16-00-	0611056-26	1105626	12/01/06	1540
16	S2-SS-17-00-	0611056-27	1105627	12/01/06	1615
17	S2-SS-18-00-	0611056-28	1105628	12/01/06	1649
18	S2-SS-19-00-	0611056-29	1105629	12/01/06	1724
19	S2-SS-20-00-	0611056-30	1105630	12/01/06	1758
20	S2-SS-20-00-	0611056-30	1105630M	12/01/06	1833
21	S2-SS-20-00-	0611056-30	1105630S	12/01/06	1907
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0736

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.103	50.00	48.04		AVRG	-3.9	20.0
Acenaphthylene	1.619	1.769	50.00	54.63		AVRG	9.3	
Acetophenone	1.526	1.569	50.00	51.39		AVRG	2.8	
Aniline	1.507	1.567	50.00	64.99		2ORDR	30.0	
Anthracene	1.044	1.147	50.00	54.92		AVRG	9.8	
Atrazine	0.205	0.197	50.00	43.76		LINR	-12.5	
Benzaldehyde	0.904	0.536	50.00	29.66		AVRG	-40.7	not target
Benzidine	0.614	0.060	50.00	10.85		LINR	-78.3	
Benzoic acid	0.222	0.313	50.00	55.31		LINR	10.6	
Benzo(a)anthracene	1.331	1.410	50.00	52.96		AVRG	5.9	
Benzo(b)fluoranthene	1.179	1.248	50.00	49.38		LINR	-1.2	
Benzo(k)fluoranthene	1.276	1.238	50.00	48.49		AVRG	-3.0	
Benzo(g,h,i)perylene	0.845	0.879	50.00	52.00		AVRG	4.0	
Benzo(a)pyrene	1.061	1.176	50.00	55.44		AVRG	10.9	20.0
Benzyl alcohol	0.766	0.769	50.00	50.20		AVRG	0.4	
1,1'-Biphenyl	1.159	1.180	50.00	50.90		AVRG	1.8	
bis(2-Chloroethoxy)methane	0.482	0.468	50.00	48.57		AVRG	-2.8	
bis(2-Chloroethyl)ether	1.421	1.359	50.00	47.82		AVRG	-4.4	
bis(2-Chloroisopropyl)ether	2.268	2.130	50.00	46.94		AVRG	-6.1	
Bis(2-ethylhexyl)phthalate	1.197	1.566	50.00	58.16		LINR	16.3	
4-Bromophenyl-phenylether	0.247	0.281	50.00	56.67		AVRG	13.3	
Butylbenzylphthalate	1.020	1.192	50.00	53.46		LINR	6.9	
4-Chloroaniline	0.406	0.398	50.00	49.04		AVRG	-1.9	
Carbazole	0.820	0.875	50.00	58.91		2ORDR	17.8	
Caprolactam	0.102	0.110	50.00	54.14		AVRG	8.3	
4-Chloro-3-methylphenol	0.300	0.334	50.00	55.72		AVRG	11.4	20.0
2-Chloronaphthalene	1.122	1.112	50.00	49.57		AVRG	-0.9	
2-Chlorophenol	1.334	1.329	50.00	49.83		AVRG	-0.3	
4-Chlorophenyl-phenylether	0.517	0.533	50.00	51.58		AVRG	3.2	
Chrysene	1.202	1.273	50.00	52.93		AVRG	5.9	
Dibenz(a,h)anthracene	0.717	0.770	50.00	49.70		2ORDR	-0.6	
Dibenzofuran	1.598	1.602	50.00	50.10		AVRG	0.2	
1,2-Dichlorobenzene	1.342	1.260	50.00	46.93		AVRG	-6.1	
1,4-Dichlorobenzene	1.430	1.451	50.00	50.75		AVRG	1.5	20.0
1,3-Dichlorobenzene	1.462	1.484	50.00	50.78		AVRG	1.6	
3,3'-Dichlorobenzidine	0.273	0.281	50.00	41.87		LINR	-16.2	
2,4-Dichlorophenol	0.292	0.294	50.00	50.46		AVRG	0.9	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0736

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.404	50.00	53.91		LINR	7.8	
2,4-Dimethylphenol	0.358	0.400	50.00	55.86		AVRG	11.7	
Dimethylphthalate	1.413	1.466	50.00	51.86		AVRG	3.7	
Di-n-butylphthalate	1.737	1.909	50.00	54.96		AVRG	9.9	
4,6-Dinitro-2-methylphenol	0.158	0.186	50.00	49.09		LINR	-1.8	
2,4-Dinitrophenol	0.172	0.170	50.00	46.48	0.050	2ORDR	-7.0	
2,4-Dinitrotoluene	0.416	0.413	50.00	49.64		AVRG	-0.7	
2,6-Dinitrotoluene	0.312	0.356	50.00	52.72		LINR	5.4	
Di-n-octylphthalate	2.093	2.599	50.00	56.24		LINR	12.5	20.0
1,2-Diphenylhydrazine	1.223	1.439	50.00	58.85		AVRG	17.7	
Fluoranthene	1.118	1.127	50.00	50.41		AVRG	0.8	20.0
Fluorene	1.198	1.235	50.00	51.54		AVRG	3.1	
Hexachlorobenzene	0.282	0.304	50.00	53.97		AVRG	7.9	
Hexachlorobutadiene	0.178	0.178	50.00	49.91		AVRG	-0.2	20.0
Hexachlorocyclopentadiene	0.204	0.221	50.00	47.76	0.050	LINR	-4.5	
Hexachloroethane	0.658	0.666	50.00	50.66		AVRG	1.3	
Indeno(1,2,3-cd)pyrene	0.704	0.828	50.00	52.89		2ORDR	5.8	
Isophorone	0.772	0.785	50.00	50.82		AVRG	1.6	
1-Methylnaphthalene	0.537	0.504	50.00	46.91		AVRG	-6.2	
2-Methylnaphthalene	0.542	0.522	50.00	48.21		AVRG	-3.6	
Naphthalene	0.962	0.883	50.00	45.89		AVRG	-8.2	
4-Methylphenol	1.092	1.129	50.00	51.73		AVRG	3.5	
3-Methylphenol	1.095	1.129	50.00	51.55		AVRG	3.1	
2-Methylphenol	1.132	1.155	50.00	51.03		AVRG	2.1	
2-Nitroaniline	0.423	0.451	50.00	49.03		LINR	-1.9	
3-Nitroaniline	0.294	0.323	50.00	53.64		2ORDR	7.3	
4-Nitroaniline	0.211	0.276	50.00	62.68		2ORDR	25.4	
Nitrobenzene	0.399	0.411	50.00	51.52		AVRG	3.0	
2-Nitrophenol	0.229	0.250	50.00	54.44		AVRG	8.9	20.0
4-Nitrophenol	0.246	0.273	50.00	53.50	0.050	2ORDR	7.0	
N-Nitroso-di-methylamine	0.699	0.750	50.00	53.67		AVRG	7.3	
N-Nitrosodiphenylamine(1)	0.548	0.624	50.00	56.88		AVRG	13.8	20.0
N-Nitroso-di-n-propylamine	0.938	0.951	50.00	50.67	0.050	AVRG	1.3	
Pentachlorophenol	0.160	0.172	50.00	48.04		LINR	-3.9	20.0
Phenanthrene	1.081	1.139	50.00	52.69		AVRG	5.4	
Phenol	1.779	1.604	50.00	45.10		AVRG	-9.8	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0736

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.880	50.00	56.50		AVRG	13.0	
Pyridine	1.378	1.375	50.00	45.68		LINR	-8.6	
1,2,4-Trichlorobenzene	0.311	0.297	50.00	47.74		AVRG	-4.5	
2,4,5-Trichlorophenol	0.410	0.427	50.00	52.03		AVRG	4.0	
2,4,6-Trichlorophenol	0.392	0.415	50.00	52.85		AVRG	5.7	20.0
2-Fluorophenol	1.291	1.356	100.0	105.0		AVRG	5.0	
Phenol-d6	1.456	1.351	100.0	92.74		AVRG	-7.2	
Nitrobenzene-d5	0.406	0.444	50.00	54.67		AVRG	9.3	
2-Fluorobiphenyl	1.304	1.289	50.00	49.45		AVRG	-1.1	
2,4,6-Tribromophenol	0.152	0.164	100.0	107.8		AVRG	7.8	
Terphenyl-d14	1.005	1.067	50.00	53.09		AVRG	6.2	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0811

Lab File ID: CCVAP9A Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.428	50.00	48.91		2ORDR	-2.2	20.0
4-Aminobiphenyl	0.779	0.827	50.00	53.14		AVRG	6.3	20.0
m-Dinitrobenzene	0.176	0.227	50.00	47.94		LINR	-4.1	20.0
Hexachloropropene	0.140	0.170	50.00	60.70		AVRG	21.4	20.0
Isodrin	0.206	0.284	50.00	68.76		AVRG	37.5	20.0
Kepone	0.171	0.188	50.00	49.01		LINR	-2.0	20.0
5-Nitro-o-toluidine	0.319	0.372	50.00	45.18		2ORDR	-9.6	20.0
Pentachlorobenzene	0.475	0.497	50.00	52.26		AVRG	4.5	20.0
Pentachloronitrobenzene	0.082	0.112	50.00	63.81		LINR	27.6	20.0
Pentachloroethane	0.486	0.470	50.00	48.40	0.050	AVRG	-3.2	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.304	50.00	58.71		AVRG	17.4	20.0
o-Toluidine	1.808	1.655	50.00	45.76		AVRG	-8.5	20.0
sym-Trinitrobenzene	0.170	0.240	50.00	49.28		2ORDR	-1.4	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0845

Lab File ID: CCVAP9B Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.098	50.00	66.01		AVRG	32.0	
Chlorobenzilate	0.387	0.479	50.00	61.84		AVRG	23.7	
Diallate	0.863	0.795	50.00	46.04		AVRG	-7.9	
2,6-Dichlorophenol	0.266	0.297	50.00	55.75		AVRG	11.5	
p-(Dimethylamino)azobenzene	0.256	0.337	50.00	65.67		AVRG	31.3	
7,12-Dimethylbenz[a]anthrace	0.478	0.542	50.00	52.86		LINR	5.7	
3,3'-Dimethylbenzidine	0.590	0.685	50.00	50.92		2ORDR	1.8	
Dinoseb	0.117	0.163	50.00	53.38		2ORDR	6.8	
Diphenylamine	0.923	0.936	50.00	50.67		AVRG	1.3	
Ethyl methanesulfonate	1.344	1.275	50.00	47.43		AVRG	-5.1	
Isosafrole	0.944	0.940	50.00	49.84		AVRG	-0.3	
Methapyrilene	0.659	0.911	50.00	61.36		LINR	22.7	
3-Methylcholanthrene	0.526	0.527	50.00	50.01		AVRG	0.0	
Methyl methanesulfonate	0.945	0.965	50.00	51.09		AVRG	2.2	
1,4-Naphthoquinone	0.425	0.332	50.00	39.01		AVRG	-22.0	
1-Naphthylamine	1.043	1.066	50.00	51.13		AVRG	2.2	
2-Naphthylamine	1.124	1.052	50.00	46.78		AVRG	-6.4	
4-Nitroquinoline-1-oxide	0.036	0.056	50.00	57.07		2ORDR	14.1	
N-Nitrosodi-n-butylamine	0.247	0.243	50.00	49.07		AVRG	-1.9	
N-Nitrosodiethylamine	0.658	0.595	50.00	45.25		AVRG	-9.5	
N-Nitrosomethylethylamine	0.798	0.645	50.00	40.39		AVRG	-19.2	
N-Nitrosomorpholine	0.853	0.766	50.00	44.85		AVRG	-10.3	
N-Nitrosopiperidine	0.206	0.206	50.00	50.06		AVRG	0.1	
N-Nitrosopyrrolidine	0.703	0.631	50.00	44.87		AVRG	-10.3	
Phenacetin	0.444	0.513	50.00	51.49		LINR	3.0	
2-Picoline	1.642	1.362	50.00	41.46		AVRG	-17.1	
Pronamide	0.327	0.434	50.00	57.31		LINR	14.6	
Safrole	0.244	0.241	50.00	49.50		AVRG	-1.0	
2,3,4,6-Tetrachlorophenol	0.227	0.275	50.00	55.06		LINR	10.1	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/01/06 Time: 0920

Lab File ID: CCVAP9C Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.379	50.00	46.27		AVRG	-7.5	20.0
a,a-Dimethyl-phenethylamine	1.028	1.054	125.0	120.5		LINR	-3.6	20.0
Disulfoton	0.567	0.556	50.00	48.97		AVRG	-2.1	20.0
Famphur	0.342	0.382	50.00	50.73		2ORDR	1.5	20.0
Hexachlorophene	0.069	0.056	250.0	225.2		2ORDR	-9.9	20.0
Methyl parathion	0.359	0.526	50.00	58.75		2ORDR	17.5	20.0
Parathion	0.239	0.332	50.00	57.73		LINR	15.5	20.0
p-Phenylenediamine	0.279	0.300	125.0	114.9		2ORDR	-8.1	20.0
Phorate	0.808	0.751	50.00	46.47		AVRG	-7.0	20.0
Sulfotepp	0.221	0.258	50.00	58.24		AVRG	16.5	20.0
Thionazin	0.224	0.293	50.00	65.44		AVRG	30.9	20.0
O,O,O-Triethylphosphorothioa	0.169	0.189	50.00	56.02		AVRG	12.0	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID: DF1203B1 DFTPP Injection Date: 12/03/06

Instrument ID: BNA1 DFTPP Injection Time: 0655

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	80.5
70	Less than 2.0% of mass 69	0.3 (0.3)1
127	40.0 - 60.0% of mass 198	51.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	15.3
365	Greater than 1.0% of mass 198	1.93
441	Present, but less than mass 443	8.1
442	Greater than 40.0% of mass 198	49.1
443	17.0 - 23.0% of mass 442	10.1 (20.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	12/03/06	0715
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	12/03/06	0749
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	12/03/06	0824
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	12/03/06	0858
05	S2-SS-21-00-	0611056-31	1105631	12/03/06	1042
06	S2-SS-22-00-	0611056-32	1105632	12/03/06	1116
07	S2FD11050601	0611056-33	1105633	12/03/06	1151
08	S5-SD-01-00-	0611056-34	1105634	12/03/06	1225
09	S5-SD-02-00-	0611056-35	1105635	12/03/06	1300
10	S5-SD-03-00-	0611056-36	1105636	12/03/06	1334
11	S5-SD-04-00-	0611056-37	1105637	12/03/06	1409
12	S5-SD-05-00-	0611056-38	1105638	12/03/06	1443
13	S5FD11060602	0611056-39	1105639	12/03/06	1518
14	S2-SS-08-00-	0611056-18	1105618	12/03/06	1552
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.076	50.00	46.88		AVRG	-6.2	20.0
Acenaphthylene	1.619	1.646	50.00	50.84		AVRG	1.7	
Acetophenone	1.526	1.641	50.00	53.77		AVRG	7.5	
Aniline	1.507	1.433	50.00	57.65		2ORDR	15.3	
Anthracene	1.044	1.110	50.00	53.12		AVRG	6.2	
Atrazine	0.205	0.154	50.00	34.39		LINR	-31.2	
Benzaldehyde	0.904	0.594	50.00	32.85		AVRG	-34.3	
Benzidine	0.614	0.053	50.00	10.43		LINR	-79.1	
Benzoic acid	0.222	0.326	50.00	57.41		LINR	14.8	
Benzo(a)anthracene	1.331	1.359	50.00	51.04		AVRG	2.1	
Benzo(b)fluoranthene	1.179	1.420	50.00	56.20		LINR	12.4	
Benzo(k)fluoranthene	1.276	1.313	50.00	51.46		AVRG	2.9	
Benzo(g,h,i)perylene	0.845	0.850	50.00	50.28		AVRG	0.6	
Benzo(a)pyrene	1.061	1.244	50.00	58.63		AVRG	17.2	20.0
Benzyl alcohol	0.766	0.801	50.00	52.27		AVRG	4.5	
1,1'-Biphenyl	1.159	1.168	50.00	50.38		AVRG	0.8	
bis(2-Chloroethoxy)methane	0.482	0.452	50.00	46.92		AVRG	-6.2	
bis(2-Chloroethyl)ether	1.421	1.431	50.00	50.34		AVRG	0.7	
bis(2-Chloroisopropyl)ether	2.268	2.212	50.00	48.74		AVRG	-2.5	
Bis(2-ethylhexyl)phthalate	1.197	1.329	50.00	49.34		LINR	-1.3	
4-Bromophenyl-phenylether	0.247	0.246	50.00	49.60		AVRG	-0.8	
Butylbenzylphthalate	1.020	1.110	50.00	49.82		LINR	-0.3	
4-Chloroaniline	0.406	0.420	50.00	51.78		AVRG	3.6	
Carbazole	0.820	0.938	50.00	63.24		2ORDR	26.5	
Caprolactam	0.102	0.105	50.00	51.60		AVRG	3.2	
4-Chloro-3-methylphenol	0.300	0.328	50.00	54.66		AVRG	9.3	20.0
2-Chloronaphthalene	1.122	1.110	50.00	49.48		AVRG	-1.0	
2-Chlorophenol	1.334	1.412	50.00	52.91		AVRG	5.8	
4-Chlorophenyl-phenylether	0.517	0.537	50.00	52.00		AVRG	4.0	
Chrysene	1.202	1.190	50.00	49.48		AVRG	-1.0	
Dibenz(a,h)anthracene	0.717	0.769	50.00	49.65		2ORDR	-0.7	
Dibenzofuran	1.598	1.572	50.00	49.18		AVRG	-1.6	
1,2-Dichlorobenzene	1.342	1.240	50.00	46.18		AVRG	-7.6	
1,4-Dichlorobenzene	1.430	1.431	50.00	50.04		AVRG	0.1	20.0
1,3-Dichlorobenzene	1.462	1.504	50.00	51.44		AVRG	2.9	
3,3'-Dichlorobenzidine	0.273	0.292	50.00	43.36		LINR	-13.3	
2,4-Dichlorophenol	0.292	0.299	50.00	51.28		AVRG	2.6	20.0

non target

non target

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.461	50.00	56.20		LINR	12.4	
2,4-Dimethylphenol	0.358	0.403	50.00	56.28		AVRG	12.6	
Dimethylphthalate	1.413	1.402	50.00	49.58		AVRG	-0.8	
Di-n-butylphthalate	1.737	1.923	50.00	55.34		AVRG	10.7	
4,6-Dinitro-2-methylphenol	0.158	0.179	50.00	47.34		LINR	-5.3	
2,4-Dinitrophenol	0.172	0.175	50.00	47.61	0.050	2ORDR	-4.8	
2,4-Dinitrotoluene	0.416	0.432	50.00	51.84		AVRG	3.7	
2,6-Dinitrotoluene	0.312	0.342	50.00	50.80		LINR	1.6	
Di-n-octylphthalate	2.093	2.512	50.00	54.36		LINR	8.7	20.0
1,2-Diphenylhydrazine	1.223	1.323	50.00	54.09		AVRG	8.2	
Fluoranthene	1.118	1.154	50.00	51.59		AVRG	3.2	20.0
Fluorene	1.198	1.248	50.00	52.07		AVRG	4.1	
Hexachlorobenzene	0.282	0.284	50.00	50.38		AVRG	0.8	
Hexachlorobutadiene	0.178	0.182	50.00	51.24		AVRG	2.5	20.0
Hexachlorocyclopentadiene	0.204	0.231	50.00	49.79	0.050	LINR	-0.4	
Hexachloroethane	0.658	0.663	50.00	50.44		AVRG	0.9	
Indeno(1,2,3-cd)pyrene	0.704	0.814	50.00	52.16		2ORDR	4.3	
Isophorone	0.772	0.785	50.00	50.83		AVRG	1.7	
1-Methylnaphthalene	0.537	0.552	50.00	51.38		AVRG	2.8	
2-Methylnaphthalene	0.542	0.549	50.00	50.66		AVRG	1.3	
Naphthalene	0.962	0.921	50.00	47.86		AVRG	-4.3	
4-Methylphenol	1.092	1.211	50.00	55.45		AVRG	10.9	
3-Methylphenol	1.095	1.211	50.00	55.26		AVRG	10.5	
2-Methylphenol	1.132	1.191	50.00	52.59		AVRG	5.2	
2-Nitroaniline	0.423	0.496	50.00	53.88		LINR	7.8	
3-Nitroaniline	0.294	0.358	50.00	58.80		2ORDR	17.6	
4-Nitroaniline	0.211	0.316	50.00	68.71		2ORDR	37.4	
Nitrobenzene	0.399	0.439	50.00	55.04		AVRG	10.1	
2-Nitrophenol	0.229	0.250	50.00	54.59		AVRG	9.2	20.0
4-Nitrophenol	0.246	0.302	50.00	58.30	0.050	2ORDR	16.6	
N-Nitroso-di-methylamine	0.699	0.796	50.00	56.95		AVRG	13.9	
N-Nitrosodiphenylamine(1)	0.548	0.579	50.00	52.81		AVRG	5.6	20.0
N-Nitroso-di-n-propylamine	0.938	0.960	50.00	51.16	0.050	AVRG	2.3	
Pentachlorophenol	0.160	0.161	50.00	45.12		LINR	-9.8	20.0
Phenanthrene	1.081	1.161	50.00	53.71		AVRG	7.4	
Phenol	1.779	1.720	50.00	48.34		AVRG	-3.3	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.704	50.00	51.22		AVRG	2.4	
Pyridine	1.378	1.436	50.00	47.71		LINR	-4.6	
1,2,4-Trichlorobenzene	0.311	0.298	50.00	47.99		AVRG	-4.0	
2,4,5-Trichlorophenol	0.410	0.436	50.00	53.14		AVRG	6.3	
2,4,6-Trichlorophenol	0.392	0.394	50.00	50.22		AVRG	0.4	20.0
2-Fluorophenol	1.291	1.420	100.0	110.0		AVRG	10.0	
Phenol-d6	1.456	1.523	100.0	104.6		AVRG	4.6	
Nitrobenzene-d5	0.406	0.470	50.00	57.88		AVRG	15.8	
2-Fluorobiphenyl	1.304	1.220	50.00	46.78		AVRG	-6.4	
2,4,6-Tribromophenol	0.152	0.172	100.0	113.4		AVRG	13.4	
Terphenyl-d14	1.005	1.022	50.00	50.82		AVRG	1.6	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0749

Lab File ID: CCVAP9A Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

24, 12/4/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.393	50.00	45.21		2ORDR	-9.6	20.0
4-Aminobiphenyl	0.779	0.799	50.00	51.32		AVRG	2.6	20.0
m-Dinitrobenzene	0.176	0.222	50.00	46.90		LINR	-6.2	20.0
Hexachloropropene	0.140	0.163	50.00	58.08		AVRG	16.2	20.0
Isodrin	0.206	0.274	50.00	66.29		AVRG	32.6	20.0
Kepone	0.171	0.182	50.00	47.23		LINR	-5.5	20.0
5-Nitro-o-toluidine	0.319	0.383	50.00	46.55		2ORDR	-6.9	20.0
Pentachlorobenzene	0.475	0.510	50.00	53.68		AVRG	7.4	20.0
Pentachloronitrobenzene	0.082	0.110	50.00	62.60		LINR	25.2	20.0
Pentachloroethane	0.486	0.497	50.00	51.20	0.050	AVRG	2.4	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.272	50.00	52.52		AVRG	5.0	20.0
o-Toluidine	1.808	1.775	50.00	49.08		AVRG	-1.8	20.0
sym-Trinitrobenzene	0.170	0.259	50.00	52.32		2ORDR	4.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0824

Lab File ID: CCVAP9B Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.094	50.00	63.38		AVRG	26.8	
Chlorobenzilate	0.387	0.425	50.00	54.90		AVRG	9.8	
Diallate	0.863	0.770	50.00	44.59		AVRG	-10.8	
2,6-Dichlorophenol	0.266	0.278	50.00	52.25		AVRG	4.5	
p-(Dimethylamino)azobenzene	0.256	0.297	50.00	57.94		AVRG	15.9	
7,12-Dimethylbenz[a]anthrace	0.478	0.464	50.00	45.24		LINR	-9.5	
3,3'-Dimethylbenzidine	0.590	0.618	50.00	45.14		2ORDR	-9.7	
Dinoseb	0.117	0.157	50.00	51.79		2ORDR	3.6	
Diphenylamine	0.923	0.962	50.00	52.12		AVRG	4.2	
Ethyl methanesulfonate	1.344	1.313	50.00	48.84		AVRG	-2.3	
Isosafrole	0.944	0.915	50.00	48.47		AVRG	-3.1	
Methapyrilene	0.659	0.830	50.00	55.88		LINR	11.8	
3-Methylcholanthrene	0.526	0.487	50.00	46.20		AVRG	-7.6	
Methyl methanesulfonate	0.945	0.944	50.00	49.98		AVRG	-0.0	
1,4-Naphthoquinone	0.425	0.312	50.00	36.70		AVRG	-26.6	
1-Naphthylamine	1.043	0.990	50.00	47.46		AVRG	-5.1	
2-Naphthylamine	1.124	1.074	50.00	47.76		AVRG	-4.5	
4-Nitroquinoline-1-oxide	0.036	0.057	50.00	57.24		2ORDR	14.5	
N-Nitrosodi-n-butylamine	0.247	0.234	50.00	47.28		AVRG	-5.4	
N-Nitrosodiethylamine	0.658	0.561	50.00	42.67		AVRG	-14.7	
N-Nitrosomethylethylamine	0.798	0.670	50.00	41.97		AVRG	-16.1	
N-Nitrosomorpholine	0.853	0.816	50.00	47.80		AVRG	-4.4	
N-Nitrosopiperidine	0.206	0.192	50.00	46.69		AVRG	-6.6	
N-Nitrosopyrrolidine	0.703	0.618	50.00	43.96		AVRG	-12.1	
Phenacetin	0.444	0.542	50.00	54.35		LINR	8.7	
2-Picoline	1.642	1.294	50.00	39.41		AVRG	-21.2	
Pronamide	0.327	0.404	50.00	53.35		LINR	6.7	
Safrole	0.244	0.217	50.00	44.44		AVRG	-11.1	
2,3,4,6-Tetrachlorophenol	0.227	0.282	50.00	56.48		LINR	13.0	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0858

Lab File ID: CCVAP9C Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	RRF	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.393	50.00	47.88		AVRG	-4.2	20.0
a,a-Dimethyl-phenethylamine	1.028	0.977	125.0	111.7		LINR	-10.7	20.0
Disulfoton	0.567	0.546	50.00	48.12		AVRG	-3.7	20.0
Famphur	0.342	0.363	50.00	47.71		2ORDR	-4.6	20.0
Hexachlorophene	0.069	0.035	250.0	172.3		2ORDR	-31.1	20.0
Methyl parathion	0.359	0.543	50.00	60.71		2ORDR	21.4	20.0
Parathion	0.239	0.366	50.00	63.50		LINR	27.0	20.0
p-Phenylenediamine	0.279	0.322	125.0	122.7		2ORDR	-1.8	20.0
Phorate	0.808	0.767	50.00	47.48		AVRG	-5.0	20.0
Sulfotepp	0.221	0.260	50.00	58.84		AVRG	17.7	20.0
Thionazin	0.224	0.273	50.00	60.89		AVRG	21.8	20.0
O,O,O-Triethylphosphorothioa	0.169	0.173	50.00	51.23		AVRG	2.4	20.0

12/14/06

poor target

NAS KEY WEST
SOIL DATA
KEYWEST01

FRACTION	CHEMICAL	S1FD11040602	UNITS	S1-SD-09-00-1106	RPD	D
OS	ACENAPHTHYLENE	420 J	UG/KG	410 J	2.41	10.00
OS	BENZO(A)ANTHRACENE	560 J	UG/KG	650 J	14.88	90.00
OS	BENZO(A)PYRENE	1200 J	UG/KG	1100 J	8.70	100.00
OS	BENZO(B)FLUORANTHENE	1200 J	UG/KG	1000 J	18.18	200.00
OS	BENZO(G,H,I)PERYLENE	550 J	UG/KG	510 J	7.55	40.00
OS	BENZO(K)FLUORANTHENE	1100 J	UG/KG	1500 J	30.77	400.00
OS	CHRYSENE	1300 J	UG/KG	1300 J	0.00	0.00
OS	FLUORANTHENE	1200 J	UG/KG	1300 J	8.00	100.00
OS	INDENO(1,2,3-CD)PYRENE	770 J	UG/KG	ND	NC	NC
OS	PHENANTHRENE	260 J	UG/KG	290 J	10.91	30.00
OS	PYRENE	2600	UG/KG	3000	14.29	400.00

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 01
Work Order: 0611056

Date Sampled	Date Received	Lab ID	Client ID	Dilution
11/03/06	11/07/06	0611056-01	S1-SD-01-00-1106	1
11/03/06	11/07/06	0611056-01DL	S1-SD-01-00-1106DL	10
11/03/06	11/07/06	0611056-02	S1-SD-02-00-1106	1
11/03/06	11/07/06	0611056-02DL	S1-SD-02-00-1106DL	10
11/03/06	11/07/06	0611056-03	S1-SD-03-00-1106	1
11/03/06	11/07/06	0611056-03DL	S1-SD-03-00-1106DL	10
11/03/06	11/07/06	0611056-04	S1-SD-04-00-1106	1
11/03/06	11/07/06	0611056-04DL	S1-SD-04-00-1106DL	10
11/03/06	11/07/06	0611056-05	S1-SD-05-00-1106	1
11/03/06	11/07/06	0611056-05DL	S1-SD-05-00-1106DL	10
11/04/06	11/07/06	0611056-06	S1-SD-06-00-1106	1
11/04/06	11/07/06	0611056-06DL	S1-SD-06-00-1106DL	10
11/04/06	11/07/06	0611056-07	S1-SD-07-00-1106	1
11/04/06	11/07/06	0611056-07DL	S1-SD-07-00-1106DL	10
11/04/06	11/07/06	0611056-08	S1-SD-08-00-1106	1
11/04/06	11/07/06	0611056-08DL	S1-SD-08-00-1106DL	10
11/04/06	11/07/06	0611056-09	S1-SD-09-00-1106	1
11/04/06	11/07/06	0611056-09DL	S1-SD-09-00-1106DL	10
11/04/06	11/07/06	0611056-10	S1FD11040602	1
11/04/06	11/07/06	0611056-10DL	S1FD11040602DL	10
11/04/06	11/07/06	0611056-11	S2-SS-01-00-1106	1
11/04/06	11/07/06	0611056-11DL	S2-SS-01-00-1106DL	10
11/04/06	11/07/06	0611056-12	S2-SS-02-00-1106	1
11/04/06	11/07/06	0611056-12DL	S2-SS-02-00-1106DL	10
11/04/06	11/07/06	0611056-13	S2-SS-03-00-1106	1
11/04/06	11/07/06	0611056-13DL	S2-SS-03-00-1106DL	10
11/04/06	11/07/06	0611056-14	S2-SS-04-00-1106	1
11/04/06	11/07/06	0611056-14DL	S2-SS-04-00-1106DL	10
11/04/06	11/07/06	0611056-15	S2-SS-05-00-1106	1
11/04/06	11/07/06	0611056-15DL	S2-SS-05-00-1106DL	10
11/05/06	11/07/06	0611056-16	S2-SS-06-00-1106	1
11/05/06	11/07/06	0611056-16DL	S2-SS-06-00-1106DL	10
11/05/06	11/07/06	0611056-17	S2-SS-07-00-1106	1
11/05/06	11/07/06	0611056-17DL	S2-SS-07-00-1106DL	10
11/05/06	11/07/06	0611056-18	S2-SS-08-00-1106	1
11/05/06	11/07/06	0611056-18DL	S2-SS-08-00-1106DL	10
11/05/06	11/07/06	0611056-19	S2-SS-09-00-1106	1
11/05/06	11/07/06	0611056-19DL	S2-SS-09-00-1106DL	10
11/05/06	11/07/06	0611056-20	S2-SS-10-00-1106	1
11/05/06	11/07/06	0611056-21	S2-SS-11-00-1106	1
11/05/06	11/07/06	0611056-22	S2-SS-12-00-1106	1
11/05/06	11/07/06	0611056-23	S2-SS-13-00-1106	1
11/05/06	11/07/06	0611056-23DL	S2-SS-13-00-1106DL	5
11/05/06	11/07/06	0611056-24	S2-SS-14-00-1106	1
11/05/06	11/07/06	0611056-25	S2-SS-15-00-1106	1
11/05/06	11/07/06	0611056-25MS	S2-SS-15-00-1106MS	1
11/05/06	11/07/06	0611056-25MSD	S2-SS-15-00-1106MSD	1
11/05/06	11/07/06	0611056-26	S2-SS-16-00-1106	1
11/05/06	11/07/06	0611056-27	S2-SS-17-00-1106	1
11/05/06	11/07/06	0611056-28	S2-SS-18-00-1106	1
11/05/06	11/07/06	0611056-29	S2-SS-19-00-1106	1
11/05/06	11/07/06	0611056-30	S2-SS-20-00-1106	1
11/05/06	11/07/06	0611056-30MS	S2-SS-20-00-1106MS	1
11/05/06	11/07/06	0611056-30MSD	S2-SS-20-00-1106MSD	1
11/05/06	11/07/06	0611056-31	S2-SS-21-00-1106	1
11/05/06	11/07/06	0611056-32	S2-SS-22-00-1106	1
11/05/06	11/07/06	0611056-33	S2FD11050601	1
11/06/06	11/07/06	0611056-34	S5-SD-01-00-1106	1
11/06/06	11/07/06	0611056-35	S5-SD-02-00-1106	1
11/06/06	11/07/06	0611056-36	S5-SD-03-00-1106	1
11/06/06	11/07/06	0611056-37	S5-SD-04-00-1106	1
11/06/06	11/07/06	0611056-38	S5-SD-05-00-1106	1
11/06/06	11/07/06	0611056-39	S5FD11060602	1

Pesticide Samples

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 3541/8081A (soxtherm extraction followed by capillary column GC/ECD) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: All soil samples and associated QC were GPC cleaned prior to analysis.
- Due to the sample matrix, the middle and ending calibration verifications (CCV) associated with these samples had analytes exceeding 20% difference. Reported results for an analyte associated with a CCV exceeding the limits on the high side are flagged with an "X". Reported results for an analyte associated with a CCV exceeding the limits on the low side are flagged with an "Y". Analysis for the 10x dilution was performed twice with identical results.
- Due to matrix interference causing the mistaken identification of toxaphene, the detection limits and quantitation limits for toxaphene have been raised and flagged with an "I" to indicate matrix interference in samples S1-SD-08-00-1106 and S2-SS-09-00-1106.
- In spike samples S2-SS-15-00-1106MS/MSD, all recoveries and relative percent differences were within limits.
- In spike samples S2-SS-20-00-1106MS/MSD, recoveries of 4,4'-DDE and 4,4'-DDT were below the limit of 50% at -48%/-82% and -3%/-36%, respectively. Calculating recoveries based on expected concentrations (spike added plus original sample concentration) results in recoveries of 65%/58% and 71%/61%, respectively.
- For all undiluted analyses, at least 3 of 4 surrogate recoveries were within limits with the exception of the analyses for PS1BLK1115, S1-SD-08-00-1106 and S2-SS-07-00-1106 which had only 2 of the 4 surrogate recoveries within limits. See form 2.
- In method blank PS1BLK1115, there is a reported concentration of 4,4'-DDT at 0.81μg/kg. Reported concentrations in the associated samples are flagged with a "B".

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

J: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

E: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

B: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

X: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

Y: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

P: The associated numerical value is an estimated quantity. There is greater than a 40% difference between the two GC columns for the detected concentrations. The higher of the two values is reported unless matrix interference is obvious.

M: The presence of a "M" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

I: The presence of an "I" to the right of an analytical result indicates that the sample matrix interfered with the identification of the analyte. The MDL and/or EQL/RL has been raised to the level where the analyte could be detected if it were present.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1162006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	KEY WEST NAS	Chuck Bryan	Federal Express	Empirical Laboratories 227 French Landing Drive, Suite 550 Nashville, TN 37228
	Turn Around Time: Standard	Field Ops Leader: Gary Braganza	Carrier/Waybill No. 8566-7032-5710	Point of Contact: Marcia McGinnity (615) 345-1119 x232

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	SW-846 6020	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	SW-846 8081 / 8270C	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	SW-846 6020	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	SW-846 8081 / 8270C	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	SW-846 6020	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	SW-846 8081 / 8270C	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	SW-846 6020	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	SW-846 8081 / 8270C	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	SW-846 8081 / 8270C	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	SW-846 6020	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	SW-846 6020	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	SW-846 8081 / 8270C	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	SW-846 8081 / 8270C	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	SW-846 6020	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	SW-846 6020	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	SW-846 8081 / 8270C	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	SW-846 6020	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	SW-846 8081 / 8270C	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	SW-846 6020	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	SW-846 8081 / 8270C	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	SW-846 6020	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	SW-846 6020	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	SW-846 8081 / 8270C	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	SW-846 6020	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	SW-846 8081 / 8270C	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	SW-846 6020	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	SW-846 8081 / 8270C	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	SW-846 6020	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	

11-4	S1-SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611057-06
	S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		07
	S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		08
	S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank	09
	S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank	
	S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		10
	S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FD11040602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-10	
	S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		11
	S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		12
	S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		13
	S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		14
	S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		15
	S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-5	S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		16
	S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		17
	S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		18
	S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		19
	S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		20
	S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		21
	S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		22
	S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		23
	S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		24
	S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	25
	S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		26
	S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		27
	S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		28
	S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		

11-5	S2-SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 29	
	S2-SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057 - 11	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		13
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		14
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		15
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		16
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	061056 - 39	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By: John Wright	Date: 11/06/2006	Time: 17:00	Received By: Federal Express	Date: 11/06/2006	Time: 17:00
2. Relinquished By:	Date:	Time:	Received By: Andy Barton	Date: 11/7/06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 30

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050SE Date Analyzed: 11/16/06

Instrument ID: BNA1 Time Analyzed: 0024

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	702082		4.39		2175055		5.44		1035118		7.99	
	UPPER LIMIT	1404164		4.89		4350110		5.94		2070236		8.49	
	LOWER LIMIT	351041		3.89		1087528		4.94		517559		7.49	
	CLIENT SAMPLE NO.												
01	SBLK1110BS1	886342		4.39		2858905		5.43		1403842		7.98	
02	SBLK1110BS1L	732763		4.40		2451944		5.44		1190075		7.98	
03	SBLK1110BS1L	731833		4.39		2584462		5.43		1160346		7.99	
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050SE Date Analyzed: 11/16/06

Instrument ID: BNA1 Time Analyzed: 0024

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1253758	11.38	831483	18.84	654385	22.71
	UPPER LIMIT	2507516	11.88	1662966	19.34	1308770	23.21
	LOWER LIMIT	626879	10.88	415742	18.34	327193	22.21
	CLIENT SAMPLE NO.						
01	SBLK1110BS1	1839208	11.37	1312477	18.82	1067523	22.70
02	SBLK1110BS1L	1539349	11.37	985444	18.83	760996	22.70
03	SBLK1110BS1L	1582003	11.37	1119143	18.83	1024795	22.71
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050SE Date Analyzed: 11/17/06

Instrument ID: BNA1 Time Analyzed: 0313

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	747152	4.38	2293984	5.42	1119163	7.97
	UPPER LIMIT	1494304	4.88	4587968	5.92	2238326	8.47
	LOWER LIMIT	373576	3.88	1146992	4.92	559582	7.47
	CLIENT SAMPLE NO.						
01	SBLK1113BS1	858066	4.38	2769980	5.42	1279466	7.96
02	SBLK1113BS1L	753086	4.38	2627446	5.42	1260097	7.96
03	S1-SD-01-00-	767043	4.38	2485190	5.42	1163129	7.96
04	S1-SD-02-00-	806695	4.38	2721134	5.42	1189978	7.95
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050SE Date Analyzed: 11/17/06

Instrument ID: BNA1 Time Analyzed: 0313

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1492302		11.35		944379		18.80		841706		22.67	
	UPPER LIMIT	2984604		11.85		1888758		19.30		1683412		23.17	
	LOWER LIMIT	746151		10.85		472190		18.30		420853		22.17	
	CLIENT SAMPLE NO.												
01	SBLK1113BS1	1729561		11.33		1135105		18.79		750188		22.66	
02	SBLK1113BS1L	1686390		11.34		1020513		18.80		635157		22.66	
03	S1-SD-01-00-	1462444		11.33		995603		18.79		736367		22.66	
04	S1-SD-02-00-	1644179		11.33		1168721		18.78		883489		22.66	
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050F Date Analyzed: 11/17/06

Instrument ID: BNA1 Time Analyzed: 1548

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	664310		4.39		2249201		5.42		1157362		7.97	
	UPPER LIMIT	1328620		4.89		4498402		5.92		2314724		8.47	
	LOWER LIMIT	332155		3.89		1124601		4.92		578681		7.47	
	CLIENT SAMPLE NO.												
01	S1-SD-08-00-	863131		4.38		2431364		5.42		1087103		7.96	
02	S2-SS-09-00-	823077		4.38		2631495		5.42		1227354		7.96	
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050F Date Analyzed: 11/17/06

Instrument ID: BNA1 Time Analyzed: 1548

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1473992		11.34		915841		18.81		552018		22.67	
	UPPER LIMIT	2947984		11.84		1831682		19.31		1104036		23.17	
	LOWER LIMIT	736996		10.84		457921		18.31		276009		22.17	
	CLIENT SAMPLE NO.												
01	S1-SD-08-00-	1502797		11.35		852797		18.84		713002		22.71	
02	S2-SS-09-00-	1654360		11.34		1004431		18.79		710102		22.67	
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050S Date Analyzed: 11/18/06

Instrument ID: BNA1 Time Analyzed: 0930

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	653458	4.35	2191737	5.39	1103153	7.90
	UPPER LIMIT	1306916	4.85	4383474	5.89	2206306	8.40
	LOWER LIMIT	326729	3.85	1095869	4.89	551577	7.40
	CLIENT SAMPLE NO.						
01	SBLK1114BS1	795142	4.35	2665060	5.38	1212019	7.89
02	SBLK1114BS1L	763726	4.35	2276990	5.38	1129814	7.90
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050S Date Analyzed: 11/18/06

Instrument ID: BNA1 Time Analyzed: 0930

		IS4 (PHN) AREA #		IS5 (CRY) AREA #		IS6 (PRY) AREA #	
			RT #		RT #		RT #
	12 HOUR STD	1331853	11.25	868460	18.71	808677	22.56
	UPPER LIMIT	2663706	11.75	1736920	19.21	1617354	23.06
	LOWER LIMIT	665927	10.75	434230	18.21	404339	22.06
	CLIENT SAMPLE NO.						
01	SBLK1114BS1	1671475	11.25	1028301	18.69	805491	22.56
02	SBLK1114BS1L	1412576	11.25	850357	18.70	590737	22.55
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 11/29/06

Instrument ID: BNA1 Time Analyzed: 0834

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	638676	4.27	2095639	5.28	1040745	7.73
	UPPER LIMIT	1277352	4.77	4191278	5.78	2081490	8.23
	LOWER LIMIT	319338	3.77	1047820	4.78	520373	7.23
	CLIENT SAMPLE NO.						
01	S1-SD-01-00-	792818	4.27	2690185	5.28	1238686	7.72
02	S1-SD-02-00-	844976	4.27	2857384	5.28	1401326	7.72
03	S1-SD-03-00-	838808	4.27	2771849	5.28	1305974	7.73
04	S1-SD-04-00-	792232	4.27	2668932	5.28	1269402	7.73
05	S1-SD-05-00-	714824	4.27	2539461	5.28	1223134	7.73
06	S1-SD-06-00-	793791	4.28	2672950	5.28	1284280	7.73
07	S1-SD-07-00-	785302	4.28	2652487	5.28	1284593	7.73
08	S1-SD-08-00-	762734	4.27	2403314	5.28	1176173	7.73
09	S1-SD-09-00-	702880	4.27	2519732	5.28	1208209	7.73
10	S1FD11040602	747276	4.27	2584388	5.28	1299909	7.73
11	S2-SS-01-00-	685074	4.27	2407710	5.28	1214546	7.73
12	S2-SS-02-00-	696682	4.28	2644483	5.28	1231608	7.73
13	S2-SS-03-00-	831081	4.28	2768090	5.28	1366121	7.73
14	S2-SS-04-00-	763170	4.28	2581096	5.28	1269634	7.73
15	S2-SS-05-00-	803522	4.27	2860728	5.28	1244344	7.73
16	S2-SS-06-00-	772073	4.28	2744921	5.28	1301300	7.73
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 11/29/06

Instrument ID: BNA1 Time Analyzed: 0834

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1366781		11.04		782940		18.45		589886		22.28	
	UPPER LIMIT	2733562		11.54		1565880		18.95		1179772		22.78	
	LOWER LIMIT	683391		10.54		391470		17.95		294943		21.78	
	CLIENT SAMPLE NO.												
01	S1-SD-01-00-	1374594		11.03		427965		18.44		300966		22.28	
02	S1-SD-02-00-	1682673		11.03		724153		18.46		455726		22.28	
03	S1-SD-03-00-	1771535		11.05		715454		18.50		322495		22.37	
04	S1-SD-04-00-	1690778		11.04		848414		18.47		522192		22.30	
05	S1-SD-05-00-	1657433		11.05		930240		18.46		600363		22.31	
06	S1-SD-06-00-	1749421		11.05		894822		18.47		676828		22.31	
07	S1-SD-07-00-	1817497		11.05		1223760		18.47		779318		22.32	
08	S1-SD-08-00-	1561750		11.04		1146850		18.47		958119		22.33	
09	S1-SD-09-00-	1773936		11.05		982791		18.51		672606		22.33	
10	S1FD11040602	1731799		11.05		1026987		18.50		679052		22.33	
11	S2-SS-01-00-	1517131		11.04		855219		18.48		494229		22.32	
12	S2-SS-02-00-	1674632		11.05		1292868		18.48		865836		22.32	
13	S2-SS-03-00-	1752679		11.05		1311430		18.48		705764		22.33	
14	S2-SS-04-00-	1717240		11.05		972442		18.48		568505		22.32	
15	S2-SS-05-00-	1914649		11.05		1399040		18.48		718426		22.32	
16	S2-SS-06-00-	1596774		11.05		967938		18.48		576468		22.32	
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 12/01/06

Instrument ID: BNA1 Time Analyzed: 0736

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	686021	4.25	2260619	5.25	1081291	7.68
	UPPER LIMIT	1372042	4.75	4521238	5.75	2162582	8.18
	LOWER LIMIT	343011	3.75	1130310	4.75	540646	7.18
	CLIENT SAMPLE NO.						
01	S2-SS-07-00-	815643	4.25	2796805	5.25	1327247	7.67
02	S2-SS-09-00-	782307	4.25	2520644	5.25	1242088	7.68
03	S2-SS-10-00-	758640	4.25	2632862	5.25	1207467	7.68
04	S2-SS-11-00-	808083	4.25	2736402	5.25	1271879	7.67
05	S2-SS-12-00-	816518	4.25	2811951	5.25	1427834	7.67
06	S2-SS-13-00-	855892	4.24	2957821	5.25	1366339	7.67
07	S2-SS-14-00-	812918	4.25	2752984	5.24	1247133	7.67
08	S2-SS-15-00-	796461	4.25	2845763	5.25	1272498	7.67
09	S2-SS-15-00-	896920	4.25	3083934	5.25	1506990	7.68
10	S2-SS-15-00-	822357	4.25	2677218	5.25	1446125	7.68
11	S2-SS-16-00-	896851	4.25	2909812	5.25	1464329	7.67
12	S2-SS-17-00-	833430	4.24	2812329	5.25	1395917	7.67
13	S2-SS-18-00-	894879	4.25	3024958	5.25	1554946	7.67
14	S2-SS-19-00-	917673	4.24	3035409	5.25	1521302	7.67
15	S2-SS-20-00-	811041	4.24	2739581	5.24	1293169	7.67
16	S2-SS-20-00-	875124	4.25	2695104	5.25	1433748	7.67
17	S2-SS-20-00-	900817	4.25	2845705	5.25	1396746	7.67
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST01

Lab File ID (Standard): CCV050 Date Analyzed: 12/01/06

Instrument ID: BNA1 Time Analyzed: 0736

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1370324	10.99	853842	18.40	800844	22.24
	UPPER LIMIT	2740648	11.49	1707684	18.90	1601688	22.74
	LOWER LIMIT	685162	10.49	426921	17.90	400422	21.74
	CLIENT SAMPLE NO.						
01	S2-SS-07-00-	1636558	10.98	846206	18.40	633289	22.24
02	S2-SS-09-00-	1634720	10.97	907168	18.40	601871	22.25
03	S2-SS-10-00-	1669452	10.97	1309127	18.40	900494	22.24
04	S2-SS-11-00-	1828411	10.97	1318369	18.39	941114	22.24
05	S2-SS-12-00-	1872154	10.97	1499504	18.40	903236	22.24
06	S2-SS-13-00-	1981423	10.98	1240263	18.39	753094	22.23
07	S2-SS-14-00-	1781111	10.97	1170466	18.39	662588	22.24
08	S2-SS-15-00-	1865258	10.97	1280051	18.39	741973	22.23
09	S2-SS-15-00-	2075041	10.98	956546	18.40	532709	22.23
10	S2-SS-15-00-	1899246	10.98	1232029	18.40	741122	22.23
11	S2-SS-16-00-	2095979	10.97	1531825	18.40	859865	22.24
12	S2-SS-17-00-	1988801	10.97	1466068	18.39	763281	22.23
13	S2-SS-18-00-	1904263	10.97	1345346	18.39	772754	22.23
14	S2-SS-19-00-	2030007	10.97	1385354	18.39	783992	22.23
15	S2-SS-20-00-	1815997	10.97	1270113	18.39	592877	22.23
16	S2-SS-20-00-	1929631	10.98	1185572	18.40	561411	22.23
17	S2-SS-20-00-	1958363	10.98	1027571	18.40	486419	22.23
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column(1): RTX-CLP ID: 0.32 (mm) Column(2): RTX-CLPII ID: 0.32 (mm)

	CLIENT SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	S2 1 %REC #	S2 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	S1-SD-01-00-	61	62	159*	75			1
02	S1-SD-02-00-	75	71	676*	122			1
03	S1-SD-03-00-	390*	60	64	69			1
04	S1-SD-04-00-	271*	59	68	61			1
05	S1-SD-05-00-	341*	62	86	78			1
06	S1-SD-06-00-	883*	58	73	64			1
07	S1-SD-07-00-	336*	70	88	81			1
08	S1-SD-08-00-	911*	38	102	162*			2
09	S1-SD-09-00-	2789*	65	99	88			1
10	S1FD11040602	2585*	62	102	81			1
11	S2-SS-01-00-	73	72	87	88			0
12	S2-SS-02-00-	53	53	80	68			0
13	S2-SS-03-00-	80	78	105	90			0
14	S2-SS-04-00-	76	76	128	110			0
15	S2-SS-05-00-	75	73	115	84			0
16	S2-SS-06-00-	59	59	86	46			0
17	S2-SS-07-00-	213*	64	176*	60			2
18	S2-SS-08-00-	81	76	118	69			0
19	S2-SS-09-00-	84	81	294*	83			1
20	S2-SS-10-00-	71	74	87	65			0
21	S2-SS-11-00-	72	75	84	80			0
22	S2-SS-12-00-	61	64	68	65			0
23	S2-SS-13-00-	68	71	67	66			0
24	S2-SS-14-00-	69	71	76	74			0
25	S2-SS-15-00-	63	67	69	67			0
26	S2-SS-15-00-	58	62	67	65			0
27	S2-SS-15-00-	53	57	67	65			0
28	S2-SS-16-00-	66	71	72	71			0
29	S2-SS-17-00-	65	69	61	57			0
30	S2-SS-18-00-	62	67	80	77			0

		EL QC LIMITS	SPIKE CONC (ug/Kg)
S1	= TCMX	(30-120)	58
S2	= DCB	(35-140)	58

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate results reported from a diluted analysis

FORM 2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column(1): RTX-CLP ID: 0.32 (mm) Column(2): RTX-CLPII ID: 0.32 (mm)

	CLIENT SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	S2 1 %REC #	S2 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	S2-SS-19-00-	59	62	77	68			0
02	S2-SS-20-00-	57	62	64	60			0
03	S2-SS-20-00-	63	67	80	75			0
04	S2-SS-20-00-	64	68	66	60			0
05	S2-SS-21-00-	69	73	85	79			0
06	S2-SS-22-00-	46	48	58	58			0
07	S2FD11050601	65	66	73	68			0
08	S5-SD-01-00-	374*	56	53	51			1
09	S5-SD-02-00-	591*	62	45	44			1
10	PS1BLK1116	84	87	91	87			0
11	PS1BLK1116LC	70	75	78	75			0
12	PS1BLK1116LC	72	77	76	74			0
13	S5-SD-03-00-	214*	74	66	65			1
14	S5-SD-04-00-	209*	91	74	72			1
15	S5-SD-05-00-	151*	86	99	96			1
16	S5FD11060602	886*	76	76	72			1
17	PS2BLK1114	48	50	52	52			0
18	PS2BLK1114LC	54	57	47	46			0
19	PS2BLK1114LC	49	52	49	49			0
20	S1-SD-01-00-	62D	60D	125D	62D			0
21	S1-SD-02-00-	75D	70D	590D	95D			0
22	S1-SD-03-00-	378D	66D	67D	58D			0
23	S1-SD-04-00-	259D	60D	55D	53D			0
24	S1-SD-05-00-	354D	61D	59D	61D			0
25	S1-SD-06-00-	817D	57D	53D	53D			0
26	S1-SD-07-00-	291D	63D	56D	57D			0
27	S1-SD-08-00-	775D	35D	511D	154D			0
28	S1-SD-09-00-	2472D	62D	317D	60D			0
29	S1FD11040602	2298D	61D	81D	74D			0
30	S2-SS-01-00-	73D	69D	59D	58D			0

		EL QC LIMITS	SPIKE CONC (ug/Kg)
S1	= TCMX	(30-120)	58
S2	= DCB	(35-140)	58

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate results reported from a diluted analysis

FORM 2
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column(1): RTX-CLP ID: 0.32 (mm) Column(2): RTX-CLPII ID: 0.32 (mm)

	CLIENT SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	S2 1 %REC #	S2 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	S2-SS-02-00-	51D	51D	68D	65D			0
02	S2-SS-03-00-	66D	65D	60D	60D			0
03	S2-SS-04-00-	67D	68D	80D	74D			0
04	S2-SS-05-00-	77D	73D	97D	72D			0
05	PS1BLK1115	1*	1*	55	55			2
06	PS1BLK1115LC	44	46	58	58			0
07	S2-SS-06-00-	55D	56D	140D	71D			0
08	S2-SS-07-00-	198D	62D	206D	63D			0
09	S2-SS-08-00-	64D	62D	149D	68D			0
10	S2-SS-09-00-	63D	60D	270D	78D			0
11	S2-SS-13-00-	136D	138D	89D	91D			0
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

		EL QC LIMITS	SPIKE CONC (ug/Kg)
S1	= TCMX	(30-120)	58
S2	= DCB	(35-140)	58

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate results reported from a diluted analysis

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS2BLK1114

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: PS2BLK1114 Lab File ID: 014F1401

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

GPC Cleanup (Y/N) Y Date Extracted: 11/14/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 0039 Time Analyzed (2): 0039

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S1-SD-01-00-	0611056-01	11/27/06	11/27/06
02	S1-SD-02-00-	0611056-02	11/27/06	11/27/06
03	S1-SD-03-00-	0611056-03	11/27/06	11/27/06
04	S1-SD-04-00-	0611056-04	11/27/06	11/27/06
05	S1-SD-05-00-	0611056-05	11/27/06	11/27/06
06	S1-SD-06-00-	0611056-06	11/28/06	11/28/06
07	S1-SD-07-00-	0611056-07	11/28/06	11/28/06
08	S1-SD-08-00-	0611056-08	11/28/06	11/28/06
09	S1-SD-09-00-	0611056-09	11/28/06	11/28/06
10	S1FD11040602	0611056-10	11/28/06	11/28/06
11	S2-SS-01-00-	0611056-11	11/28/06	11/28/06
12	S2-SS-02-00-	0611056-12	11/28/06	11/28/06
13	S2-SS-03-00-	0611056-13	11/28/06	11/28/06
14	S2-SS-04-00-	0611056-14	11/28/06	11/28/06
15	S2-SS-05-00-	0611056-15	11/28/06	11/28/06
16	PS2BLK1114LC	PS2BLK1114LCS	12/02/06	12/02/06
17	PS2BLK1114LC	PS2BLK1114LCSD	12/02/06	12/02/06
18	S1-SD-01-00-	0611056-01DL	12/02/06	12/02/06
19	S1-SD-02-00-	0611056-02DL	12/02/06	12/02/06
20	S1-SD-03-00-	0611056-03DL	12/02/06	12/02/06
21	S1-SD-04-00-	0611056-04DL	12/02/06	12/02/06
22	S1-SD-05-00-	0611056-05DL	12/02/06	12/02/06
23	S1-SD-06-00-	0611056-06DL	12/02/06	12/02/06
24	S1-SD-07-00-	0611056-07DL	12/02/06	12/02/06
25	S1-SD-08-00-	0611056-08DL	12/02/06	12/02/06
26	S1-SD-09-00-	0611056-09DL	12/02/06	12/02/06

COMMENTS: _____

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS2BLK1114

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: PS2BLK1114 Lab File ID: 014F1401

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

Sulfur Cleanup (Y/N) N Date Extracted: 11/14/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 0039 Time Analyzed (2): 0039

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S1FD11040602	0611056-10DL	12/02/06	12/02/06
02	S2-SS-01-00-	0611056-11DL	12/02/06	12/02/06
03	S2-SS-02-00-	0611056-12DL	12/02/06	12/02/06
04	S2-SS-03-00-	0611056-13DL	12/02/06	12/02/06
05	S2-SS-04-00-	0611056-14DL	12/02/06	12/02/06
06	S2-SS-05-00-	0611056-15DL	12/02/06	12/02/06
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS2BLK1114

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: PS2BLK1114

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 014F1401

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/14/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 00:39

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.22	0.67		U
319-84-6	Alpha-BHC	0.22	0.67		U
319-85-7	Beta-BHC	0.22	0.67		U
72-54-8	4,4'-DDD	0.33	1.3		U
72-55-9	4,4'-DDE	0.33	1.3		U
50-29-3	4,4'-DDT	0.33	1.3		U
319-86-8	Delta-BHC	0.22	0.67		U
60-57-1	Dieldrin	0.33	1.3		U
959-98-8	Endosulfan I	0.22	0.67		U
33213-65-9	Endosulfan II	0.33	1.3		U
1031-07-8	Endosulfan Sulfate	0.33	1.3		U
72-20-8	Endrin	0.33	1.3		U
7421-93-4	Endrin Aldehyde	0.33	1.3		U
58-89-9	Gamma-BHC	0.22	0.67		U
76-44-8	Heptachlor	0.22	0.67		U
1024-57-3	Heptachlor Epoxide	0.22	0.67		U
72-43-5	Methoxychlor	0.22	0.67		U
8001-35-2	Toxaphene	22	67		U

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: PS2BLK1114

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Aldrin	6.667	0.0000	4.620	69	45-120
Alpha-BHC	6.667	0.0000	5.013	75	40-120
Beta-BHC	6.667	0.0000	5.722	86	45-125
4,4'-DDD	6.667	0.0000	4.480	67	30-140
4,4'-DDE	6.667	0.0000	4.889	73	50-125
4,4'-DDT	6.667	0.0000	5.326	80	50-140
Delta-BHC	6.667	0.0000	5.384	81	45-120
Dieldrin	6.667	0.0000	4.992	75	45-130
Endosulfan I	6.667	0.0000	5.509	83	35-145
Endosulfan II	6.667	0.0000	5.306	80	40-135
Endosulfan Sulfate	6.667	0.0000	4.796	72	40-145
Endrin	6.667	0.0000	5.303	80	50-140
Endrin Aldehyde	6.667	0.0000	4.239	64	35-140
Gamma-BHC	6.667	0.0000	5.536	83	40-125
Heptachlor	6.667	0.0000	4.902	74	45-120
Heptachlor Epoxide	6.667	0.0000	4.866	73	55-120
Methoxychlor	6.667	0.0000	5.370	80	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: PS2BLK1114

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aldrin	6.667	4.014	60	14	50	45-120
Alpha-BHC	6.667	4.290	64	16	50	40-120
Beta-BHC	6.667	5.274	79	8	50	45-125
4,4'-DDD	6.667	4.224	63	6	50	30-140
4,4'-DDE	6.667	4.562	68	7	50	50-125
4,4'-DDT	6.667	5.018	75	6	50	50-140
Delta-BHC	6.667	4.919	74	9	50	45-120
Dieldrin	6.667	4.653	70	7	50	45-130
Endosulfan I	6.667	5.167	78	6	50	35-145
Endosulfan II	6.667	4.973	74	6	50	40-135
Endosulfan Sulfate	6.667	4.542	68	5	50	40-145
Endrin	6.667	4.920	74	7	50	50-140
Endrin Aldehyde	6.667	3.835	58	10	50	35-140
Gamma-BHC	6.667	4.824	72	14	50	40-125
Heptachlor	6.667	4.218	63	15	50	45-120
Heptachlor Epoxide	6.667	4.475	67	8	50	55-120
Methoxychlor	6.667	5.097	76	5	50	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
Spike Recovery: 0 out of 34 outside limits

COMMENTS: _____

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS1BLK1115

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: PS1BLK1115 Lab File ID: 033F3301

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

GPC Cleanup (Y/N) Y Date Extracted: 11/15/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 0943 Time Analyzed (2): 0943

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S2-SS-06-00-	0611056-16	11/28/06	11/28/06
02	S2-SS-07-00-	0611056-17	11/28/06	11/28/06
03	S2-SS-08-00-	0611056-18	11/28/06	11/28/06
04	S2-SS-09-00-	0611056-19	11/28/06	11/28/06
05	S2-SS-10-00-	0611056-20	11/29/06	11/29/06
06	S2-SS-11-00-	0611056-21	11/29/06	11/29/06
07	S2-SS-12-00-	0611056-22	11/29/06	11/29/06
08	S2-SS-13-00-	0611056-23	11/29/06	11/29/06
09	S2-SS-14-00-	0611056-24	11/29/06	11/29/06
10	S2-SS-15-00-	0611056-25	11/29/06	11/29/06
11	S2-SS-15-00-	0611056-25MS	11/29/06	11/29/06
12	S2-SS-15-00-	0611056-25MSD	11/29/06	11/29/06
13	S2-SS-16-00-	0611056-26	11/29/06	11/29/06
14	S2-SS-17-00-	0611056-27	11/29/06	11/29/06
15	S2-SS-18-00-	0611056-28	11/29/06	11/29/06
16	S2-SS-19-00-	0611056-29	11/29/06	11/29/06
17	S2-SS-20-00-	0611056-30	11/29/06	11/29/06
18	S2-SS-20-00-	0611056-30MS	11/29/06	11/29/06
19	S2-SS-20-00-	0611056-30MSD	11/29/06	11/29/06
20	S2-SS-21-00-	0611056-31	11/29/06	11/29/06
21	S2-SS-22-00-	0611056-32	11/29/06	11/29/06
22	S2FD11050601	0611056-33	11/29/06	11/29/06
23	S5-SD-01-00-	0611056-34	11/29/06	11/29/06
24	S5-SD-02-00-	0611056-35	11/29/06	11/29/06
25	PS1BLK1115LC	PS1BLK1115LCS	12/02/06	12/02/06
26	S2-SS-06-00-	0611056-16DL	12/02/06	12/02/06

COMMENTS: _____

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS1BLK1115

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: PS1BLK1115 Lab File ID: 033F3301

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

Sulfur Cleanup (Y/N) N Date Extracted: 11/15/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 0943 Time Analyzed (2): 0943

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S2-SS-07-00-	0611056-17DL	12/02/06	12/02/06
02	S2-SS-08-00-	0611056-18DL	12/02/06	12/02/06
03	S2-SS-09-00-	0611056-19DL	12/02/06	12/02/06
04	S2-SS-13-00-	0611056-23DL	12/04/06	12/04/06
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS1BLK1115

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: PS1BLK1115

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 033F3301

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/15/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 09:43

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.22	0.67		U
319-84-6	Alpha-BHC	0.22	0.67		U
319-85-7	Beta-BHC	0.22	0.67		U
72-54-8	4,4'-DDD	0.33	1.3		U
72-55-9	4,4'-DDE	0.33	1.3		U
50-29-3	4,4'-DDT	0.33	1.3	0.81	JX
319-86-8	Delta-BHC	0.22	0.67		U
60-57-1	Dieldrin	0.33	1.3		U
959-98-8	Endosulfan I	0.22	0.67		U
33213-65-9	Endosulfan II	0.33	1.3		U
1031-07-8	Endosulfan Sulfate	0.33	1.3		U
72-20-8	Endrin	0.33	1.3		U
7421-93-4	Endrin Aldehyde	0.33	1.3		U
58-89-9	Gamma-BHC	0.22	0.67		U
76-44-8	Heptachlor	0.22	0.67		U
1024-57-3	Heptachlor Epoxide	0.22	0.67		U
72-43-5	Methoxychlor	0.22	0.67		U
8001-35-2	Toxaphene	22	67		U

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: PS1BLK1115

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Aldrin	6.667	0.0000	4.399	66	45-120
Alpha-BHC	6.667	0.0000	4.277	64	40-120
Beta-BHC	6.667	0.0000	4.983	75	45-125
4,4'-DDD	6.667	0.0000	5.400	81	30-140
4,4'-DDE	6.667	0.0000	5.515	83	50-125
4,4'-DDT	6.667	0.8135	6.700	88	50-140
Delta-BHC	6.667	0.0000	4.826	72	45-120
Dieldrin	6.667	0.0000	5.751	86	45-130
Endosulfan I	6.667	0.0000	6.117	92	35-145
Endosulfan II	6.667	0.0000	6.290	94	40-135
Endosulfan Sulfate	6.667	0.0000	5.990	90	40-145
Endrin	6.667	0.0000	6.030	90	50-140
Endrin Aldehyde	6.667	0.0000	4.914	74	35-140
Gamma-BHC	6.667	0.0000	4.833	72	40-125
Heptachlor	6.667	0.0000	4.593	69	45-120
Heptachlor Epoxide	6.667	0.0000	5.071	76	55-120
Methoxychlor	6.667	0.0000	7.178	108	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 17 outside limits

COMMENTS: _____

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS1BLK1116

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: PS1BLK1116 Lab File ID: 051F5101

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

GPC Cleanup (Y/N) Y Date Extracted: 11/16/06

Date Analyzed (1): 11/29/06 Date Analyzed (2): 11/29/06

Time Analyzed (1): 1614 Time Analyzed (2): 1614

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PS1BLK1116LC	PS1BLK1116LCS	11/29/06	11/29/06
02	PS1BLK1116LC	PS1BLK1116LCSD	11/29/06	11/29/06
03	S5-SD-03-00-	0611056-36	11/29/06	11/29/06
04	S5-SD-04-00-	0611056-37	11/29/06	11/29/06
05	S5-SD-05-00-	0611056-38	11/29/06	11/29/06
06	S5FD11060602	0611056-39	11/29/06	11/29/06
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS1BLK1116

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix: (soil/water) SOIL Lab Sample ID: PS1BLK1116

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 051F5101

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/16/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 16:14

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
309-00-2	Aldrin	0.22	0.67		U
319-84-6	Alpha-BHC	0.22	0.67		U
319-85-7	Beta-BHC	0.22	0.67		U
72-54-8	4,4'-DDD	0.33	1.3		U
72-55-9	4,4'-DDE	0.33	1.3		U
50-29-3	4,4'-DDT	0.33	1.3		U
319-86-8	Delta-BHC	0.22	0.67		U
60-57-1	Dieldrin	0.33	1.3		U
959-98-8	Endosulfan I	0.22	0.67		U
33213-65-9	Endosulfan II	0.33	1.3		U
1031-07-8	Endosulfan Sulfate	0.33	1.3		U
72-20-8	Endrin	0.33	1.3		U
7421-93-4	Endrin Aldehyde	0.33	1.3		U
58-89-9	Gamma-BHC	0.22	0.67		U
76-44-8	Heptachlor	0.22	0.67		U
1024-57-3	Heptachlor Epoxide	0.22	0.67		U
72-43-5	Methoxychlor	0.22	0.67		U
8001-35-2	Toxaphene	22	67		U

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: PS1BLK1116

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Aldrin	6.667	0.0000	6.016	90	45-120
Alpha-BHC	6.667	0.0000	5.952	89	40-120
Beta-BHC	6.667	0.0000	7.013	105	45-125
4,4'-DDD	6.667	0.0000	6.106	92	30-140
4,4'-DDE	6.667	0.0000	6.608	99	50-125
4,4'-DDT	6.667	0.0000	7.196	108	50-140
Delta-BHC	6.667	0.0000	7.177	108	45-120
Dieldrin	6.667	0.0000	6.324	95	45-130
Endosulfan I	6.667	0.0000	6.498	97	35-145
Endosulfan II	6.667	0.0000	6.608	99	40-135
Endosulfan Sulfate	6.667	0.0000	6.530	98	40-145
Endrin	6.667	0.0000	7.123	107	50-140
Endrin Aldehyde	6.667	0.0000	5.841	88	35-140
Gamma-BHC	6.667	0.0000	6.351	95	40-125
Heptachlor	6.667	0.0000	6.281	94	45-120
Heptachlor Epoxide	6.667	0.0000	6.223	93	55-120
Methoxychlor	6.667	0.0000	7.648	115	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: PS1BLK1116

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aldrin	6.667	5.852	88	3	50	45-120
Alpha-BHC	6.667	5.868	88	1	50	40-120
Beta-BHC	6.667	6.429	96	9	50	45-125
4,4'-DDD	6.667	5.920	89	3	50	30-140
4,4'-DDE	6.667	6.383	96	3	50	50-125
4,4'-DDT	6.667	7.095	106	1	50	50-140
Delta-BHC	6.667	6.568	98	9	50	45-120
Dieldrin	6.667	6.115	92	3	50	45-130
Endosulfan I	6.667	6.224	93	4	50	35-145
Endosulfan II	6.667	6.325	95	4	50	40-135
Endosulfan Sulfate	6.667	6.332	95	3	50	40-145
Endrin	6.667	6.876	103	4	50	50-140
Endrin Aldehyde	6.667	5.927	89	1	50	35-140
Gamma-BHC	6.667	6.106	92	4	50	40-125
Heptachlor	6.667	6.220	93	1	50	45-120
Heptachlor Epoxide	6.667	5.913	89	5	50	55-120
Methoxychlor	6.667	7.546	113	1	50	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
Spike Recovery: 0 out of 34 outside limits

COMMENTS: _____

FORM 3

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aldrin	7.022	0.0000	4.807	68	45-120
Alpha-BHC	7.022	0.0000	4.702	67	40-120
Beta-BHC	7.022	0.0000	5.462	78	45-125
4,4'-DDD	7.022	0.0000	4.918	70	30-140
4,4'-DDE	7.022	1.709	6.685	71	50-125
4,4'-DDT	7.022	1.013	6.656	80	50-140
Delta-BHC	7.022	0.0000	5.036	72	45-120
Dieldrin	7.022	0.0000	5.032	72	45-130
Endosulfan I	7.022	0.0000	5.166	74	35-145
Endosulfan II	7.022	0.0000	5.327	76	40-135
Endosulfan Sulfate	7.022	0.0000	5.519	78	40-145
Endrin	7.022	0.0000	6.106	87	50-140
Endrin Aldehyde	7.022	0.0000	4.639	66	35-140
Gamma-BHC	7.022	0.0000	5.016	71	40-125
Heptachlor	7.022	0.0000	5.313	76	45-120
Heptachlor Epoxide	7.022	0.0000	4.840	69	55-120
Methoxychlor	7.022	0.0000	7.028	100	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-15-00-1106 Lab Sample ID: 0611056-25

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aldrin	7.022	4.464	64	7	50	45-120
Alpha-BHC	7.022	4.281	61	9	50	40-120
Beta-BHC	7.022	5.148	73	6	50	45-125
4,4'-DDD	7.022	4.905	70	0	50	30-140
4,4'-DDE	7.022	8.556	98	24	50	50-125
4,4'-DDT	7.022	9.301	118	33	50	50-140
Delta-BHC	7.022	4.743	68	6	50	45-120
Dieldrin	7.022	4.919	70	2	50	45-130
Endosulfan I	7.022	4.940	70	4	50	35-145
Endosulfan II	7.022	5.183	74	3	50	40-135
Endosulfan Sulfate	7.022	5.413	77	2	50	40-145
Endrin	7.022	5.211	67	16	50	50-140
Endrin Aldehyde	7.022	4.882	70	5	50	35-140
Gamma-BHC	7.022	4.604	66	8	50	40-125
Heptachlor	7.022	4.877	69	8	50	45-120
Heptachlor Epoxide	7.022	4.610	66	5	50	55-120
Methoxychlor	7.022	6.870	98	2	50	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
Spike Recovery: 0 out of 34 outside limits

COMMENTS: _____

FORM 3

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aldrin	8.046	0.0000	6.410	80	45-120
Alpha-BHC	8.046	0.0000	5.759	72	40-120
Beta-BHC	8.046	0.0000	6.620	82	45-125
4,4'-DDD	8.046	1.640	7.970	79	30-140
4,4'-DDE	8.046	26.58	22.68	-48*	50-125
4,4'-DDT	8.046	20.15	19.92	-3*	50-140
Delta-BHC	8.046	0.0000	6.198	77	45-120
Dieldrin	8.046	0.0000	7.708	96	45-130
Endosulfan I	8.046	0.0000	6.466	80	35-145
Endosulfan II	8.046	0.4368	7.586	89	40-135
Endosulfan Sulfate	8.046	0.0000	7.847	98	40-145
Endrin	8.046	0.9854	10.18	114	50-140
Endrin Aldehyde	8.046	1.839	7.293	68	35-140
Gamma-BHC	8.046	0.0000	6.170	77	40-125
Heptachlor	8.046	0.0000	6.458	80	45-120
Heptachlor Epoxide	8.046	0.0000	6.203	77	55-120
Methoxychlor	8.046	0.0000	9.508	118	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Matrix Spike - Client Sample No.: S2-SS-20-00-1106 Lab Sample ID: 0611056-30

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aldrin	8.046	6.244	78	3	50	45-120
Alpha-BHC	8.046	5.939	74	3	50	40-120
Beta-BHC	8.046	6.785	84	2	50	45-125
4,4'-DDD	8.046	7.247	70	10	50	30-140
4,4'-DDE	8.046	19.97	-82*	13	50	50-125
4,4'-DDT	8.046	17.23	-36*	14	50	50-140
Delta-BHC	8.046	6.927	86	11	50	45-120
Dieldrin	8.046	7.348	91	5	50	45-130
Endosulfan I	8.046	6.318	78	2	50	35-145
Endosulfan II	8.046	7.353	86	3	50	40-135
Endosulfan Sulfate	8.046	7.504	93	4	50	40-145
Endrin	8.046	9.385	104	8	50	50-140
Endrin Aldehyde	8.046	6.886	63	6	50	35-140
Gamma-BHC	8.046	6.345	79	3	50	40-125
Heptachlor	8.046	6.574	82	2	50	45-120
Heptachlor Epoxide	8.046	6.055	75	2	50	55-120
Methoxychlor	8.046	8.564	106	10	50	55-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
Spike Recovery: 4 out of 34 outside limits

COMMENTS: _____

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

J.H. 12.4.06

BTD 12/3/6

alibration File Names:
evel 1: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\013F1301.D
evel 2: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\014F1401.D
evel 3: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\015F1501.D
evel 4: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\016F1601.D
evel 5: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\017F1701.D
evel 6: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\018F1801.D
evel 7: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\019F1901.D

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1.0000 Level 7										
1 Alachlor	+++++	+++++	+++++	+++++	+++++	+++++					
	+++++						AVRG		0.000e+000		0.000e+000
2 Aldrin	22305	22667	24005	21994	24747	26779					
	26400						AVRG		24128		8.04447

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1.0000 Level 7										
3 Alpha-BHC	35197	34489	35562	32962	36431	39405					
	37096						AVRG		35877		5.71527
4 Alpha-Chlordane	18433	18434	19912	18051	20769	22679					
	24300						AVRG		20368		11.69069
5 Beta-BHC	11975	11942	12648	11977	14100	15737					
	16463						AVRG		13549		14.10830
6 Chlordane(1)	+++++	+++++	+++++	+++++	+++++	+++++					
	2859						AVRG		2859		0.000e+000
(2)	+++++	+++++	+++++	+++++	+++++	+++++					
	876						AVRG		876		0.000e+000
(3)	+++++	+++++	+++++	+++++	+++++	+++++					
	1642						AVRG		1642		0.000e+000
(4)	+++++	+++++	+++++	+++++	+++++	+++++					
	1773						AVRG		1773		0.000e+000
(5)	+++++	+++++	+++++	+++++	+++++	+++++					
	3381						AVRG		3381		0.000e+000

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
12 4,4'-DDD	15645	15669	16367	14794	15892	17853	17797	AVRG		16288		7.05223
13 4,4'-DDE	17850	17821	19386	17234	18914	19973	20242	AVRG		18774		6.19690
14 4,4'-DDT	13011	12138	13120	10852	12447	13416	13268	AVRG		12607		7.12584
15 Delta-BHC	29928	29475	30929	28138	31442	33530	31671	AVRG		30731		5.66963
16 Dieldrin	18931	18790	20262	18143	20211	22008	21498	AVRG		19978		7.20791

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

:art Cal Date : 20-NOV-2006 18:30
id Cal Date : 27-NOV-2006 18:20
iant Method : ESTD
arget Version : 4.04
itegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1.0000 Level 7										
17 Endosulfan I	17400	17522	18994	17323	20227	21688					
	23934						AVRG		19584		12.89184
18 Endosulfan II	15395	15179	16560	14923	17014	18686					
	18918						AVRG		16668		9.84227
19 Endosulfan Sulfate	13415	13184	14482	12983	15075	16643					
	17042						AVRG		14689		11.23632
20 Endrin	15361	14729	16795	14860	17380	18541					
	19295						AVRG		16709		10.83360
21 Endrin Aldehyde	11110	10855	11973	11377	12806	14130					
	14958						AVRG		12458		12.67264

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
22 Endrin Ketone	15625	15372	17144	15510	17966	19805	21043	AVRG		17495		12.82604
23 Gamma-BHC	30061	29718	30971	28598	31905	34584	32878	AVRG		31245		6.54213
24 Gamma-Chlordane	19203	19192	20618	18585	21092	22995	23914	AVRG		20800		9.75084
25 Heptachlor	23784	23974	25288	23217	26786	29645	30524	AVRG		26174		11.18496
26 Heptachlor Epoxide	19548	19815	21308	19550	22309	24484	24521	AVRG		21648		10.15901

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

:art Cal Date : 20-NOV-2006 18:30
ıd Cal Date : 27-NOV-2006 18:20
ıant Method : ESTD
ırget Version : 4.04
ıtegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
ıl Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1 / 1.0000 Level 7	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
27 Methoxychlor	5566 / 6761	5202	5862	5025	6041	6738	AVRG		5885		11.66496
28 Toxaphene(1)	+++++ / 596	+++++	+++++	+++++	+++++	+++++	AVRG		596		0.000e+000
(2)	+++++ / 200	+++++	+++++	+++++	+++++	+++++	AVRG		200		0.000e+000
(3)	+++++ / 213	+++++	+++++	+++++	+++++	+++++	AVRG		213		0.000e+000
(4)	+++++ / 259	+++++	+++++	+++++	+++++	+++++	AVRG		259		0.000e+000
(5)	+++++ / 327	+++++	+++++	+++++	+++++	+++++	AVRG		327		0.000e+000
(6)	+++++ / 258	+++++	+++++	+++++	+++++	+++++	AVRG		258		0.000e+000
(7)	+++++ / 454	+++++	+++++	+++++	+++++	+++++	AVRG		454		0.000e+000
(8)	+++++ / 338	+++++	+++++	+++++	+++++	+++++	AVRG		338		0.000e+000
(9)	+++++ / 410	+++++	+++++	+++++	+++++	+++++	AVRG		410		0.000e+000
(10)	+++++ / 327	+++++	+++++	+++++	+++++	+++++	AVRG		327		0.000e+000

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1.0000 Level 7										
36 TCMX	20988	21545	22332	21784	25236	28107					
	27630						AVRG		23946		12.56789
37 DCB	6952	6541	8531	7740	9489	10705					
	+++++						AVRG		8326		18.96797

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
al Date : 02-Dec-2006 06:17 ghallquist

J.H. 12.4.06

alibration File Names:
evel 1: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\013R1301.D
evel 2: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\014R1401.D
evel 3: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\015R1501.D
evel 4: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\016R1601.D
evel 5: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\017R1701.D
evel 6: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\018R1801.D
evel 7: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\019R1901.D

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
1 Alachlor	+++++	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000
2 Aldrin	52140	53357	57761	54793	59679	63899	54712	AVRG		56620		7.25830

port Date : 02-Dec-2006 07:17

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

art Cal Date : 20-NOV-2006 18:30
d Cal Date : 27-NOV-2006 18:20
ant Method : ESTD
rget Version : 4.04
tegrator : Falcon
thod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
l Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
3 Alpha-BHC	74483	72430	75529	70290	76600	81057	63342	AVRG		73390		7.59376
4 Alpha-Chlordane	43553	43980	48009	44027	49709	53872	51450	AVRG		47800		8.57258
5 Beta-BHC	26079	25780	27629	26231	30151	33580	33418	AVRG		28981		11.80867
6 Chlordane(1)	+++++	+++++	+++++	+++++	+++++	+++++	7392	AVRG		7392		0.000e+000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	810	AVRG		810		0.000e+000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	3428	AVRG		3428		0.000e+000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	5250	AVRG		5250		0.000e+000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	2409	AVRG		2409		0.000e+000

eport Date : 02-Dec-2006 07:17

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
iant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
12 4,4'-DDD	36789	36614	40456	36437	40056	42670	40078	AVRG		39014		6.19219
13 4,4'-DDE	42191	42520	46814	42237	46513	48791	42635	AVRG		44529		6.19565
14 4,4'-DDT	32935	30935	33701	27722	31194	32392	29767	AVRG		31235		6.52131
15 Delta-BHC	64459	63061	67310	62621	68826	72414	60309	AVRG		65571		6.36055
16 Dieldrin	44069	44288	48387	43947	49122	52257	47524	AVRG		47085		6.69127

port Date : 02-Dec-2006 07:17

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

art Cal Date : 20-NOV-2006 18:30
ıd Cal Date : 27-NOV-2006 18:20
ıant Method : ESTD
ırget Version : 4.04
ıtegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
ıl Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	m1	m2	%RSD or R^2
17 Endosulfan I	40431	41088	44888	41187	45974	49199	44513	AVRG		43897		7.26595
18 Endosulfan II	36427	36278	39995	36704	41188	44593	42599	AVRG		39683		8.36026
19 Endosulfan Sulfate	33341	32672	36256	32247	36676	39289	37816	AVRG		35471		7.71291
20 Endrin	35595	35223	38618	34391	37965	39887	35244	AVRG		36703		5.70301
21 Endrin Aldehyde	26530	26177	29182	27387	30496	33003	33951	AVRG		29532		10.48215

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	1.0000 Level 7										
22 Endrin Ketone	36256	35383	39709	34936	39807	42637					
	40935						AVRG		38523		7.76376
23 Gamma-BHC	64239	63125	66741	62442	68827	73703					
	61540						AVRG		65802		6.55167
24 Gamma-Chlordane	45905	46600	50936	46334	52146	56544					
	53781						AVRG		50321		8.25961
25 Heptachlor	55013	55699	60064	56411	63845	69131					
	64315						AVRG		60640		8.78206
26 Heptachlor Epoxide	45781	46908	51560	48668	56364	62986					
	61193						AVRG		53351		12.97192

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
ıant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	1.0000 Level 7	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
27 Methoxychlor	13007	12072	13535	11276	12905	13777	13053	AVRG		12804		6.73728
28 Toxaphene(1)	+++++	+++++	+++++	+++++	+++++	+++++	1280	AVRG		1280		0.000e+000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	404	AVRG		404		0.000e+000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	837	AVRG		837		0.000e+000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	537	AVRG		537		0.000e+000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	478	AVRG		478		0.000e+000
(6)	+++++	+++++	+++++	+++++	+++++	+++++	504	AVRG		504		0.000e+000
(7)	+++++	+++++	+++++	+++++	+++++	+++++	715	AVRG		715		0.000e+000
(8)	+++++	+++++	+++++	+++++	+++++	+++++	809	AVRG		809		0.000e+000
(9)	+++++	+++++	+++++	+++++	+++++	+++++	1374	AVRG		1374		0.000e+000
(10)	+++++	+++++	+++++	+++++	+++++	+++++	652	AVRG		652		0.000e+000

Empirical Laboratories, LLC

INITIAL CALIBRATION DATA

tart Cal Date : 20-NOV-2006 18:30
nd Cal Date : 27-NOV-2006 18:20
uant Method : ESTD
arget Version : 4.04
ntegrator : Falcon
ethod file : \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m
al Date : 02-Dec-2006 06:17 ghallquist

Compound	200.0000 Level 1 / 1.0000 Level 7	100.0000 Level 2	50.0000 Level 3	25.0000 Level 4	10.0000 Level 5	5.0000 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
36 TCMX	43388 / 51791	44585	47191	45817	51541	56860	AVRG		48739		9.90900
37 DCB	16901 / +++++	15829	21019	18957	23348	26403	AVRG		20409		19.63909

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\016F1601.D
Report Date: 02-Dec-2006 06:17

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/6/06

Instrument ID: ecd4.i
Lab File ID: 016F1601.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m

Injection Date: 27-NOV-2006 18:48
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$ 36 TCMX	23946	22122	0.010	-7.6	15.0
3 Alpha-BHC	35877	✓ X 33366	0.010	-7.0	15.0
23 Gamma-BHC	31245	29053	0.010	-7.0	15.0
5 Beta-BHC	13549	12132	0.010	-10.5	15.0
15 Delta-BHC	30731	28513	0.010	-7.2	15.0
25 Heptachlor	26174	23789	0.010	-9.1	15.0
2 Aldrin	24128	22652	0.010	-6.1	15.0
26 Heptachlor Epoxide	21648	20259	0.010	-6.4	15.0
24 Gamma-Chlordane	20800	19306	0.010	-7.2	15.0
4 Alpha-Chlordane	20368	18808	0.010	-7.7	15.0
13 4,4'-DDE	18774	18012	0.010	-4.1	15.0
17 Endosulfan I	19584	18182	0.010	-7.2	15.0
16 Dieldrin	19978	18944	0.010	-5.2	15.0
20 Endrin	16709	15191	0.010	-9.1	15.0
12 4,4'-DDD	16288	15765	0.010	-3.2	15.0
18 Endosulfan II	16668	15588	0.010	-6.5	15.0
14 4,4'-DDT	12607	11473	0.010	-9.0	15.0
21 Endrin Aldehyde	12458	12106	0.010	-2.8	15.0
27 Methoxychlor	5885	5399	0.010	-8.3	15.0
19 Endosulfan Sulfate	14689	13607	0.010	-7.4	15.0
22 Endrin Ketone	17495	16338	0.010	-6.6	15.0
$ 37 DCB	8326	8123	0.010	-2.4	15.0

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\016R1601.D
Report Date: 02-Dec-2006 06:17

J.H. 12.6.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/6/06

Instrument ID: ecd4.i
Lab File ID: 016R1601.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m

Injection Date: 27-NOV-2006 18:48
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$ 36 TCMX	48739	46524	0.010	-4.5	15.0
3 Alpha-BHC	73390	✓X 71408	0.010	-2.7	15.0
23 Gamma-BHC	65802	63562	0.010	-3.4	15.0
5 Beta-BHC	28981	26582	0.010	-8.3	15.0
15 Delta-BHC	65571	63665	0.010	-2.9	15.0
25 Heptachlor	60640	57805	0.010	-4.7	15.0
2 Aldrin	56620	56289	0.010	-0.6	15.0
26 Heptachlor Epoxide	53351	50145	0.010	-6.0	15.0
24 Gamma-Chlordane	50321	47899	0.010	-4.8	15.0
4 Alpha-Chlordane	47800	45660	0.010	-4.5	15.0
17 Endosulfan I	43897	42717	0.010	-2.7	15.0
13 4,4'-DDE	44529	43897	0.010	-1.4	15.0
16 Dieldrin	47085	45885	0.010	-2.5	15.0
20 Endrin	36703	35663	0.010	-2.8	15.0
12 4,4'-DDD	39014	37677	0.010	-3.4	15.0
18 Endosulfan II	39683	38315	0.010	-3.4	15.0
14 4,4'-DDT	31235	29293	0.010	-6.2	15.0
21 Endrin Aldehyde	29532	29321	0.010	-0.7	15.0
19 Endosulfan Sulfate	35471	33761	0.010	-4.8	15.0
27 Methoxychlor	12804	12114	0.010	-5.4	15.0
22 Endrin Ketone	38523	36936	0.010	-4.1	15.0
$ 37 DCB	20409	19774	0.010	-3.1	15.0

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\031F3101.D
Report Date: 29-Nov-2006 13:29

J.H. 12.6.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

MM 12/6/06

Instrument ID: ecd4.i
Lab File ID: 031F3101.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m

Injection Date: 28-NOV-2006 01:57
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23946	22066	0.010	-7.9	15.0	
3 Alpha-BHC	35877	33383	0.010	-7.0	15.0	
23 Gamma-BHC	31245	28767	0.010	-7.9	15.0	
5 Beta-BHC	13549	12090	0.010	-10.8	15.0	
15 Delta-BHC	30731	28513	0.010	-7.2	15.0	
25 Heptachlor	26174	22607	0.010	-13.6	15.0	
2 Aldrin	24128	22271	0.010	-7.7	15.0	
26 Heptachlor Epoxide	21648	19525	0.010	-9.8	15.0	
24 Gamma-Chlordane	20800	18425	0.010	-11.4	15.0	
4 Alpha-Chlordane	20368	17900	0.010	-12.1	15.0	
13 4,4'-DDE	18774	17224	0.010	-8.3	15.0	
17 Endosulfan I	19584	17184	0.010	-12.3	15.0	
16 Dieldrin	19978	18064	0.010	-9.6	15.0	
20 Endrin	16709	14552	0.010	-12.9	15.0	
12 4,4'-DDD	16288	15222	0.010	-6.5	15.0	
18 Endosulfan II	16668	14875	0.010	-10.8	15.0	
14 4,4'-DDT	12607	9547	0.010	-24.3	15.0	<- Low
21 Endrin Aldehyde	12458	10900	0.010	-12.5	15.0	
27 Methoxychlor	5885	4095	0.010	-30.4	15.0	<- Low
19 Endosulfan Sulfate	14689	12946	0.010	-11.9	15.0	
22 Endrin Ketone	17495	15253	0.010	-12.8	15.0	
$ 37 DCB	8326	8448	0.010	1.5	15.0	

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\031R3101.D
Report Date: 29-Nov-2006 13:29

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/6/06

Instrument ID: ecd4.i
Lab File ID: 031R3101.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m

Injection Date: 28-NOV-2006 01:57
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	45549	0.010	-6.5	15.0	
3 Alpha-BHC	73390	68931	0.010	-6.1	15.0	
23 Gamma-BHC	65802	59996	0.010	-8.8	15.0	
5 Beta-BHC	28981	25161	0.010	-13.2	15.0	
15 Delta-BHC	65571	60238	0.010	-8.1	15.0	
25 Heptachlor	60640	53215	0.010	-12.2	15.0	
2 Aldrin	56620	52642	0.010	-7.0	15.0	
26 Heptachlor Epoxide	53351	45822	0.010	-14.1	15.0	
24 Gamma-Chlordane	50321	44355	0.010	-11.9	15.0	
4 Alpha-Chlordane	47800	41205	0.010	-13.8	15.0	
17 Endosulfan I	43897	38804	0.010	-11.6	15.0	
13 4,4'-DDE	44529	39554	0.010	-11.2	15.0	
16 Dieldrin	47085	41409	0.010	-12.1	15.0	
20 Endrin	36703	32419	0.010	-11.7	15.0	
12 4,4'-DDD	39014	33800	0.010	-13.4	15.0	
18 Endosulfan II	39683	34041	0.010	-14.2	15.0	
14 4,4'-DDT	31235	22356	0.010	-28.4	15.0	<- Low
21 Endrin Aldehyde	29532	24988	0.010	-15.4	15.0	<- Low
19 Endosulfan Sulfate	35471	30095	0.010	-15.2	15.0	<- Low
27 Methoxychlor	12804	8918	0.010	-30.3	15.0	<- Low
22 Endrin Ketone	38523	32139	0.010	-16.6	15.0	<- Low
$ 37 DCB	20409	18707	0.010	-8.3	15.0	

✓X

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\044F4401.D
Report Date: 29-Nov-2006 13:29

J.H. 12.6.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

MM 12/6/06

Instrument ID: ecd4.i
Lab File ID: 044F4401.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Fpest.m

Injection Date: 28-NOV-2006 08:09
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20
Quant Type: ESTD

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23946	22714	0.010	-5.1	15.0	
3 Alpha-BHC	35877	34001	0.010	-5.2	15.0	
23 Gamma-BHC	31245	29249	0.010	-6.4	15.0	
5 Beta-BHC	13549	12568	0.010	-7.2	15.0	
15 Delta-BHC	30731	28475	0.010	-7.3	15.0	
25 Heptachlor	26174	23187	0.010	-11.4	15.0	
2 Aldrin	24128	21383	0.010	-11.4	15.0	
26 Heptachlor Epoxide	21648	18233	0.010	-15.8	15.0	<-
24 Gamma-Chlordane	20800	16796	0.010	-19.2	15.0	<-
4 Alpha-Chlordane	20368	15979	0.010	-21.6	15.0	<-
13 4,4'-DDE	18774	✓ ✗ 14595	0.010	-22.3	15.0	<-
17 Endosulfan I	19584	15407	0.010	-21.3	15.0	<-
16 Dieldrin	19978	15667	0.010	-21.6	15.0	<-
20 Endrin	16709	13178	0.010	-21.1	15.0	<-
12 4,4'-DDD	16288	11118	0.010	-31.7	15.0	<-
18 Endosulfan II	16668	12301	0.010	-26.2	15.0	<-
14 4,4'-DDT	12607	8329	0.010	-33.9	15.0	<-
21 Endrin Aldehyde	12458	8666	0.010	-30.4	15.0	<-
27 Methoxychlor	5885	3177	0.010	-46.0	15.0	<-
19 Endosulfan Sulfate	14689	11719	0.010	-20.2	15.0	<-
22 Endrin Ketone	17495	11757	0.010	-32.8	15.0	<-
$ 37 DCB	8326	4220	0.010	-49.3	15.0	<-

Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\112706.b\044R4401.D
Report Date: 29-Nov-2006 13:29

JH. 12.6.06
MR 12/6/06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 044R4401.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932
Method: \\ELABNSH04\DD\chem\ecd4.i\112706.b\8081_82Rpest.m

Injection Date: 28-NOV-2006 08:09
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20
Quant Type: ESTD

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	48739	46055	0.010	-5.5	15.0	
	3 Alpha-BHC	73390	69952	0.010	-4.7	15.0	
	23 Gamma-BHC	65802	61134	0.010	-7.1	15.0	
	5 Beta-BHC	28981	25436	0.010	-12.2	15.0	
	15 Delta-BHC	65571	60410	0.010	-7.9	15.0	
	25 Heptachlor	60640	54168	0.010	-10.7	15.0	
	2 Aldrin	56620	50487	0.010	-10.8	15.0	
	26 Heptachlor Epoxide	53351	42055	0.010	-21.2	15.0	<-
	24 Gamma-Chlordane	50321	38911	0.010	-22.7	15.0	<-
	4 Alpha-Chlordane	47800	36332	0.010	-24.0	15.0	<-
	17 Endosulfan I	43897	33988	0.010	-22.6	15.0	<-
	13 4,4'-DDE	44529	33191	0.010	-25.5	15.0	<-
	16 Dieldrin	47085	35421	0.010	-24.8	15.0	<-
	20 Endrin	36703	27078	0.010	-26.2	15.0	<-
	12 4,4'-DDD	39014	25919	0.010	-33.6	15.0	<-
	18 Endosulfan II	39683	27416	0.010	-30.9	15.0	<-
	14 4,4'-DDT	31235	18116	0.010	-42.0	15.0	<-
	21 Endrin Aldehyde	29532	20070	0.010	-32.0	15.0	<-
	19 Endosulfan Sulfate	35471	23154	0.010	-34.7	15.0	<-
	27 Methoxychlor	12804	6499	0.010	-49.2	15.0	<-
	22 Endrin Ketone	38523	23704	0.010	-38.5	15.0	<-
$	37 DCB	20409	11107	0.010	-45.6	15.0	<-

✓ ✗

Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\029F2901.D
Report Date: 02-Dec-2006 06:28

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i   Injection Date: 29-NOV-2006 05:44
Lab File ID: 029F2901.D   Init. Cal. Date(s): 20-NOV-2006   27-NOV-2006
Analysis Type: SOIL   Init. Cal. Times: 18:30   18:20
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Fpest.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23946	23834	0.010	-0.5	15.0	
3 Alpha-BHC	35877	35965	0.010	0.2	15.0	
23 Gamma-BHC	31245	31332	0.010	0.3	15.0	
5 Beta-BHC	13549	13278	0.010	-2.0	15.0	
15 Delta-BHC	30731	31100	0.010	1.2	15.0	
25 Heptachlor	26174	25567	0.010	-2.3	15.0	
2 Aldrin	24128	23433	0.010	-2.9	15.0	
26 Heptachlor Epoxide	21648	20871	0.010	-3.6	15.0	
24 Gamma-Chlordane	20800	19631	0.010	-5.6	15.0	
4 Alpha-Chlordane	20368	18956	0.010	-6.9	15.0	
13 4,4'-DDE	18774	17579	0.010	-6.4	15.0	
17 Endosulfan I	19584	18393	0.010	-6.1	15.0	
16 Dieldrin	19978	19061	0.010	-4.6	15.0	
20 Endrin	16709	16429	0.010	-1.7	15.0	
12 4,4'-DDD	16288	14300	0.010	-12.2	15.0	
18 Endosulfan II	16668	15682	0.010	-5.9	15.0	
14 4,4'-DDT	12607	11904	0.010	-5.6	15.0	
21 Endrin Aldehyde	12458	12182	0.010	-2.2	15.0	
27 Methoxychlor	5885	5408	0.010	-8.1	15.0	
19 Endosulfan Sulfate	14689	13414	0.010	-8.7	15.0	
22 Endrin Ketone	17495	15579	0.010	-11.0	15.0	
$ 37 DCB	8326	6979	0.010	-16.2	15.0	<-

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/27/06 - 11/28/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.33 S2 : 14.48

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/27/06	1151		
02		MIX AB 200 5	11/27/06	1333	7.34	14.49
03		MIX AB 100 5	11/27/06	1402	7.33	14.48
04		MIX AB 50 56	11/27/06	1431	7.33	14.48
05		MIX AB 25 59	11/27/06	1459	7.33	14.48
06		MIX AB 10 56	11/27/06	1528	7.33	14.48
07		MIX AB 5 565	11/27/06	1557	7.33	14.48
08		MIX AB 1 571	11/27/06	1625	7.33	14.48
09		AB ICV 25 #5	11/27/06	1654		
10		TOX. 100PPB#	11/27/06	1820		
11		MIX AB 25 59	11/27/06	1848	7.33	14.48
12	ZZZZZ	ZZZZZ	11/27/06	1917	7.35	
13	PS2BLK1114	PS2BLK1114	11/27/06	1946	7.33	14.48
14	PS2BLK1114LC	PS2BLK1114LC	11/27/06	2014	7.33	14.48
15	PS2BLK1114LC	PS2BLK1114LC	11/27/06	2043	7.33	14.48
16	ZZZZZ	ZZZZZ	11/27/06	2111	7.33	14.48
17	S1-SD-01-00-	0611056-01	11/27/06	2140	7.33	14.48
18	S1-SD-02-00-	0611056-02	11/27/06	2208	7.33	14.49
19	S1-SD-03-00-	0611056-03	11/27/06	2237	7.33	14.48
20	S1-SD-04-00-	0611056-04	11/27/06	2306	7.33	14.48
21	S1-SD-05-00-	0611056-05	11/27/06	2334	7.33	14.48
22	S1-SD-06-00-	0611056-06	11/28/06	0003	7.33	14.48
23	S1-SD-07-00-	0611056-07	11/28/06	0032	7.33	14.48
24	S1-SD-08-00-	0611056-08	11/28/06	0100	7.34	14.49
25	S1-SD-09-00-	0611056-09	11/28/06	0129	7.33	14.48
26		MIX AB 25 59	11/28/06	0157	7.33	14.48
27	S1FD11040602	0611056-10	11/28/06	0226	7.33	14.48
28	S2-SS-01-00-	0611056-11	11/28/06	0255	7.33	14.48
29	S2-SS-02-00-	0611056-12	11/28/06	0323	7.33	14.48
30	S2-SS-03-00-	0611056-13	11/28/06	0352	7.33	14.48
31	S2-SS-04-00-	0611056-14	11/28/06	0420	7.33	14.48
32	S2-SS-05-00-	0611056-15	11/28/06	0449	7.33	14.48

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/27/06 - 11/28/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.33 S2 : 14.48

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	PS1BLK1115	PS1BLK1115	11/28/06	0517	7.33	14.48
02	PS1BLK1115LC	PS1BLK1115LC	11/28/06	0546	7.33	14.48
03	S2-SS-06-00-	0611056-16	11/28/06	0615	7.33	14.48
04	S2-SS-07-00-	0611056-17	11/28/06	0643	7.33	14.49
05	S2-SS-08-00-	0611056-18	11/28/06	0712	7.33	14.48
06	S2-SS-09-00-	0611056-19	11/28/06	0740	7.33	14.49
07		MIX AB 25 59	11/28/06	0809	7.33	14.48
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\029R2901.D
Report Date: 02-Dec-2006 06:28

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 029R2901.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Rpest.m

Injection Date: 29-NOV-2006 05:44
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20
Quant Type: ESTD

-C 12/2+ BTD 12/3/6

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	51285	0.010	5.2	15.0	
3 Alpha-BHC	73390	✓79045	0.010	7.7	15.0	
23 Gamma-BHC	65802	70263	0.010	6.8	15.0	
5 Beta-BHC	28981	29817	0.010	2.9	15.0	
15 Delta-BHC	65571	71871	0.010	9.6	15.0	
25 Heptachlor	60640	63734	0.010	5.1	15.0	
2 Aldrin	56620	59444	0.010	5.0	15.0	
26 Heptachlor Epoxide	53351	52940	0.010	-0.8	15.0	
24 Gamma-Chlordane	50321	51075	0.010	1.5	15.0	
4 Alpha-Chlordane	47800	47967	0.010	0.3	15.0	
17 Endosulfan I	43897	44971	0.010	2.4	15.0	
13 4,4'-DDE	44529	45754	0.010	2.8	15.0	
16 Dieldrin	47085	48239	0.010	2.5	15.0	
20 Endrin	36703	38431	0.010	4.7	15.0	
12 4,4'-DDD	39014	36938	0.010	-5.3	15.0	
18 Endosulfan II	39683	39101	0.010	-1.5	15.0	
14 4,4'-DDT	31235	32016	0.010	2.5	15.0	
21 Endrin Aldehyde	29532	30627	0.010	3.7	15.0	
19 Endosulfan Sulfate	35471	34287	0.010	-3.3	15.0	
27 Methoxychlor	12804	12510	0.010	-2.3	15.0	
22 Endrin Ketone	38523	37039	0.010	-3.9	15.0	
$ 37 DCB	20409	17249	0.010	-15.5	15.0	<-

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\042F4201.D
Report Date: 02-Dec-2006 06:30

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 042F4201.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Fpest.m

Injection Date: 29-NOV-2006 11:56
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

clinton BHD 12/3/6

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$ 36 TCMX	23946	23548	0.010	-1.7	15.0
3 Alpha-BHC	35877	35058	0.010	-2.3	15.0
23 Gamma-BHC	31245	31186	0.010	-0.2	15.0
5 Beta-BHC	13549	13266	0.010	-2.1	15.0
15 Delta-BHC	30731	31259	0.010	1.7	15.0
25 Heptachlor	26174	26681	0.010	1.9	15.0
2 Aldrin	24128	24094	0.010	-0.1	15.0
26 Heptachlor Epoxide	21648	21569	0.010	-0.4	15.0
24 Gamma-Chlordane	20800	20490	0.010	-1.5	15.0
4 Alpha-Chlordane	20368	19836	0.010	-2.6	15.0
13 4,4'-DDE	18774	18627	0.010	-0.8	15.0
17 Endosulfan I	19584	18974	0.010	-3.1	15.0
16 Dieldrin	19978	20115	0.010	0.7	15.0
20 Endrin	16709	18090	0.010	8.3	15.0
12 4,4'-DDD	16288	15326	0.010	-5.9	15.0
18 Endosulfan II	16668	16560	0.010	-0.6	15.0
14 4,4'-DDT	12607	12916	0.010	2.5	15.0
21 Endrin Aldehyde	12458	12711	0.010	2.0	15.0
27 Methoxychlor	5885	6205	0.010	5.4	15.0
19 Endosulfan Sulfate	14689	14519	0.010	-1.2	15.0
22 Endrin Ketone	17495	16965	0.010	-3.0	15.0
$ 37 DCB	8326	7754	0.010	-6.9	15.0

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\042R4201.D
Report Date: 02-Dec-2006 06:30

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 042R4201.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Rpest.m

Injection Date: 29-NOV-2006 11:56
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20
Quant Type: ESTD

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	51011	0.010	4.7	15.0	
3 Alpha-BHC	73390	78061	0.010	6.4	15.0	
23 Gamma-BHC	65802	69398	0.010	5.5	15.0	
5 Beta-BHC	28981	29308	0.010	1.1	15.0	
15 Delta-BHC	65571	70867	0.010	8.1	15.0	
25 Heptachlor	60640	65355	0.010	7.8	15.0	
2 Aldrin	56620	59663	0.010	5.4	15.0	
26 Heptachlor Epoxide	53351	53380	0.010	0.1	15.0	
24 Gamma-Chlordane	50321	52198	0.010	3.7	15.0	
4 Alpha-Chlordane	47800	49013	0.010	2.5	15.0	
17 Endosulfan I	43897	45891	0.010	4.5	15.0	
13 4,4'-DDE	44529	48087	0.010	8.0	15.0	
16 Dieldrin	47085	50013	0.010	6.2	15.0	
20 Endrin	36703	41993	0.010	14.4	15.0	
12 4,4'-DDD	39014	39535	0.010	1.3	15.0	
18 Endosulfan II	39683	41066	0.010	3.5	15.0	
14 4,4'-DDT	31235	36157	0.010	15.8	15.0	<-
21 Endrin Aldehyde	29532	31973	0.010	8.3	15.0	
19 Endosulfan Sulfate	35471	37082	0.010	4.5	15.0	
27 Methoxychlor	12804	14861	0.010	16.1	15.0	<-
22 Endrin Ketone	38523	39492	0.010	2.5	15.0	
$ 37 DCB	20409	18325	0.010	-10.2	15.0	

QW. 6.3.16
BPD 12/3/6

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\058F5801.D
Report Date: 02-Dec-2006 06:34

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i — Injection Date: 29-NOV-2006 19:34
Lab File ID: 058F5801.D — Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Analysis Type: SOIL — Init. Cal. Times: 18:30 18:20
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Fpest.m

COMPOUND	RRF (avg)	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23946	26212	0.010	9.5	15.0	
3 Alpha-BHC	35877	37654	0.010	5.0	15.0	
23 Gamma-BHC	31245	33284	0.010	6.5	15.0	
5 Beta-BHC	13549	14150	0.010	4.4	15.0	
15 Delta-BHC	30731	33335	0.010	8.5	15.0	
25 Heptachlor	26174	28467	0.010	8.8	15.0	
2 Aldrin	24128	25863	0.010	7.2	15.0	
26 Heptachlor Epoxide	21648	23263	0.010	7.5	15.0	
24 Gamma-Chlordane	20800	22144	0.010	6.5	15.0	
4 Alpha-Chlordane	20368	21516	0.010	5.6	15.0	
13 4,4'-DDE	18774	20466	0.010	9.0	15.0	
17 Endosulfan I	19584	20964	0.010	7.0	15.0	
16 Dieldrin	19978	21787	0.010	9.1	15.0	
20 Endrin	16709	19588	0.010	17.2	15.0	<-
12 4,4'-DDD	16288	16668	0.010	2.3	15.0	
18 Endosulfan II	16668	17954	0.010	7.7	15.0	
14 4,4'-DDT	12607	13690	0.010	8.6	15.0	
21 Endrin Aldehyde	12458	13707	0.010	10.0	15.0	
27 Methoxychlor	5885	6497	0.010	10.4	15.0	
19 Endosulfan Sulfate	14689	15845	0.010	7.9	15.0	
22 Endrin Ketone	17495	18589	0.010	6.3	15.0	
$ 37 DCB	8326	8718	0.010	4.7	15.0	

~C 12/2/06
BTD 12/3/6

av. 7.8%

Data File: \\ELABNSH04\DD\chem\ecd4.i\112806.b\058R5801.D

Report Date: 02-Dec-2006 06:34

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i   Injection Date: 29-NOV-2006 19:34
Lab File ID: 058R5801.D   Init. Cal. Date(s): 20-NOV-2006   27-NOV-2006
Analysis Type: SOIL   Init. Cal. Times: 18:30   18:20
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112806.b\8081_82Rpest.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	54028	0.010	10.9	15.0	
3 Alpha-BHC	73390	82492	0.010	12.4	15.0	
23 Gamma-BHC	65802	73238	0.010	11.3	15.0	
5 Beta-BHC	28981	31001	0.010	7.0	15.0	
15 Delta-BHC	65571	74668	0.010	13.9	15.0	
25 Heptachlor	60640	69426	0.010	14.5	15.0	
2 Aldrin	56620	63213	0.010	11.6	15.0	
26 Heptachlor Epoxide	53351	56891	0.010	6.6	15.0	
24 Gamma-Chlordane	50321	55707	0.010	10.7	15.0	
4 Alpha-Chlordane	47800	52228	0.010	9.3	15.0	
17 Endosulfan I	43897	49044	0.010	11.7	15.0	
13 4,4'-DDE	44529	51330	0.010	15.3	15.0	<-
16 Dieldrin	47085	53531	0.010	13.7	15.0	
20 Endrin•	36703	45132	0.010	23.0	15.0	<- HIGH
12 4,4'-DDD	39014	42581	0.010	9.1	15.0	
18 Endosulfan II	39683	43786	0.010	10.3	15.0	
14 4,4'-DDT •	31235	38080	0.010	21.9	15.0	<- HIGH
21 Endrin Aldehyde	29532	34092	0.010	15.4	15.0	<-
19 Endosulfan Sulfate	35471	39852	0.010	12.4	15.0	
27 Methoxychlor •	12804	15825	0.010	23.6	15.0	<- HIGH
22 Endrin Ketone	38523	42685	0.010	10.8	15.0	
$ 37 DCB	20409	20327	0.010	-0.4	15.0	

BTO 12/3/6

av. 12.5

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/28/06 - 11/29/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.28 S2 : 14.42

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/28/06	1652		
02		TOX. 100PPB#	11/28/06	2206		
03		MIX AB 25 59	11/29/06	0544	7.28	14.42
04	S2-SS-10-00-	0611056-20	11/29/06	0613	7.27	14.42
05	S2-SS-11-00-	0611056-21	11/29/06	0641	7.27	14.42
06	S2-SS-12-00-	0611056-22	11/29/06	0710	7.27	14.42
07	S2-SS-13-00-	0611056-23	11/29/06	0738	7.28	14.42
08	S2-SS-14-00-	0611056-24	11/29/06	0807	7.27	14.42
09	S2-SS-15-00-	0611056-25	11/29/06	0836	7.27	14.42
10	S2-SS-15-00-	0611056-25MS	11/29/06	0904	7.27	14.42
11	S2-SS-15-00-	0611056-25MS	11/29/06	0933	7.27	14.42
12	S2-SS-16-00-	0611056-26	11/29/06	1001	7.27	14.42
13	S2-SS-17-00-	0611056-27	11/29/06	1030	7.27	14.42
14	S2-SS-18-00-	0611056-28	11/29/06	1059	7.27	14.42
15	S2-SS-19-00-	0611056-29	11/29/06	1127	7.27	14.42
16		MIX AB 25 59	11/29/06	1156	7.28	14.42
17	S2-SS-20-00-	0611056-30	11/29/06	1225	7.27	14.42
18	S2-SS-20-00-	0611056-30MS	11/29/06	1253	7.28	14.42
19	S2-SS-20-00-	0611056-30MS	11/29/06	1322	7.28	14.42
20	S2-SS-21-00-	0611056-31	11/29/06	1351	7.27	14.42
21	S2-SS-22-00-	0611056-32	11/29/06	1419	7.27	14.42
22	S2FD11050601	0611056-33	11/29/06	1448	7.27	14.42
23	S5-SD-01-00-	0611056-34	11/29/06	1517	7.27	14.42
24	S5-SD-02-00-	0611056-35	11/29/06	1545	7.27	14.42
25	PS1BLK1116	PS1BLK1116	11/29/06	1614	7.27	14.42
26	PS1BLK1116LC	PS1BLK1116LC	11/29/06	1642	7.27	14.42
27	PS1BLK1116LC	PS1BLK1116LC	11/29/06	1711	7.27	14.42
28	S5-SD-03-00-	0611056-36	11/29/06	1740	7.27	14.42
29	S5-SD-04-00-	0611056-37	11/29/06	1808	7.27	14.42
30	S5-SD-05-00-	0611056-38	11/29/06	1837	7.27	14.42
31	S5FD11060602	0611056-39	11/29/06	1905	7.27	14.42
32		MIX AB 25 59	11/29/06	1934	7.28	14.42
33						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\013F1301.D
Report Date: 02-Dec-2006 06:59

J.H. 12.5.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 013F1301.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Fpest.m

Injection Date: 02-DEC-2006 00:11
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

4/12/13

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23946	24077	0.010	0.5	15.0	
3 Alpha-BHC	35877	36417	0.010	1.5	15.0	
23 Gamma-BHC	31245	32055	0.010	2.6	15.0	
5 Beta-BHC	13549	13492	0.010	-0.4	15.0	
15 Delta-BHC	30731	31731	0.010	3.3	15.0	
25 Heptachlor	26174	26964	0.010	3.0	15.0	
2 Aldrin	24128	24242	0.010	0.5	15.0	
26 Heptachlor Epoxide	21648	21536	0.010	-0.5	15.0	
24 Gamma-Chlordane	20800	20079	0.010	-3.5	15.0	
4 Alpha-Chlordane	20368	19256	0.010	-5.5	15.0	
13 4,4'-DDE	18774	17434	0.010	-7.1	15.0	
17 Endosulfan I	19584	19099	0.010	-2.5	15.0	
16 Dieldrin	19978	19405	0.010	-2.9	15.0	
20 Endrin	16709	16901	0.010	1.2	15.0	
12 4,4'-DDD	16288	13971	0.010	-14.2	15.0	
18 Endosulfan II	16668	15839	0.010	-5.0	15.0	
14 4,4'-DDT	12607	12403	0.010	-1.6	15.0	
21 Endrin Aldehyde	12458	12168	0.010	-2.3	15.0	
27 Methoxychlor	5885	6019	0.010	2.3	15.0	
19 Endosulfan Sulfate	14689	13426	0.010	-8.6	15.0	
22 Endrin Ketone	17495	15462	0.010	-11.6	15.0	
$ 37 DCB*	8326	6500	0.010	-21.9	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\013R1301.D
Report Date: 02-Dec-2006 06:59

J.H. 12.5.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 013R1301.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Rpest.m

Injection Date: 02-DEC-2006 00:11
Init. Cal. Date(s): 20-NOV-2006 27-NOV-2006
Init. Cal. Times: 18:30 18:20

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	52224	0.010	7.2	15.0	
3 Alpha-BHC	73390	81895	0.010	11.6	15.0	
23 Gamma-BHC	65802	72229	0.010	9.8	15.0	
5 Beta-BHC	28981	30524	0.010	5.3	15.0	
15 Delta-BHC	65571	73250	0.010	11.7	15.0	
25 Heptachlor	60640	66971	0.010	10.4	15.0	
2 Aldrin	56620	62070	0.010	9.6	15.0	
26 Heptachlor Epoxide	53351	54804	0.010	2.7	15.0	
24 Gamma-Chlordane	50321	53027	0.010	5.4	15.0	
4 Alpha-Chlordane	47800	49623	0.010	3.8	15.0	
17 Endosulfan I	43897	47055	0.010	7.2	15.0	
13 4,4'-DDE	44529	47932	0.010	7.6	15.0	
16 Dieldrin	47085	50372	0.010	7.0	15.0	
20 Endrin	36703	41730	0.010	13.7	15.0	
12 4,4'-DDD	39014	38743	0.010	-0.7	15.0	
18 Endosulfan II	39683	41497	0.010	4.6	15.0	
14 4,4'-DDT	31235	35462	0.010	13.5	15.0	
21 Endrin Aldehyde	29532	32399	0.010	9.7	15.0	
19 Endosulfan Sulfate	35471	35934	0.010	1.3	15.0	
27 Methoxychlor	12804	14015	0.010	9.5	15.0	
22 Endrin Ketone	38523	37940	0.010	-1.5	15.0	
$ 37 DCB*	20409	15856	0.010	-22.3	15.0	<- Low

J.H. 12.5.06

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\027F2701.D
Report Date: 05-Dec-2006 16:18

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 027F2701.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Fpest.m

Injection Date: 02-DEC-2006 06:51
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

	COMPOUND	RRF		RF25	MIN RRF		%D	MAX %D	
$	36 TCMX	23332		24501	0.010		5.0	15.0	
	3 Alpha-BHC *	30904	X	37402	0.010		21.0	15.0	<- > HIGH
	23 Gamma-BHC *	26696		32837	0.010		23.0	15.0	<-
	5 Beta-BHC	13063		13810	0.010		5.7	15.0	
	15 Delta-BHC	30574		32690	0.010		6.9	15.0	
	25 Heptachlor	25449		28177	0.010		10.7	15.0	
	2 Aldrin	23749		25400	0.010		7.0	15.0	
	26 Heptachlor Epoxide	21169		22696	0.010		7.2	15.0	
	24 Gamma-Chlordane *	17539		21299	0.010		21.4	15.0	<- > HIGH
	4 Alpha-Chlordane	17649		20596	0.010		16.7	15.0	<-
	13 4,4'-DDE	18530		18945	0.010		2.2	15.0	
	17 Endosulfan I *	16678		20244	0.010		21.4	15.0	<- > HIGH
	16 Dieldrin	17784		20859	0.010		17.3	15.0	<-
	20 Endrin	16278		17498	0.010		7.5	15.0	
	12 4,4'-DDD	16270		15461	0.010		-5.0	15.0	
	18 Endosulfan II	15056		17132	0.010		13.8	15.0	
	14 4,4'-DDT	12562		13283	0.010		5.7	15.0	
	21 Endrin Aldehyde	14724		13443	0.010		-8.7	15.0	
	27 Methoxychlor	7727		6294	0.010		-18.5	15.0	<- Low
	19 Endosulfan Sulfate	15594		14622	0.010		-6.2	15.0	
	22 Endrin Ketone	16904		17085	0.010		1.1	15.0	
$	37 DCB *	8326		6593	0.010		-20.8	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\027R2701.D
Report Date: 05-Dec-2006 16:18

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 027R2701.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Rpest.m

Injection Date: 02-DEC-2006 06:51
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	48739	53501	0.010	9.8	15.0	
	3 Alpha-BHC	73390	✗ 83746	0.010	14.1	15.0	
	23 Gamma-BHC	65802	73982	0.010	12.4	15.0	
	5 Beta-BHC	28981	31157	0.010	7.5	15.0	
	15 Delta-BHC	65571	75240	0.010	14.7	15.0	
	25 Heptachlor	60640	70163	0.010	15.7	15.0	<- HIGH
	2 Aldrin	56620	64479	0.010	13.9	15.0	
	26 Heptachlor Epoxide	53351	57017	0.010	6.9	15.0	
	24 Gamma-Chlordane	50321	55434	0.010	10.2	15.0	
	4 Alpha-Chlordane	47800	52170	0.010	9.1	15.0	
	17 Endosulfan I	43897	49557	0.010	12.9	15.0	
	13 4,4'-DDE	44529	50816	0.010	14.1	15.0	
	16 Dieldrin	47085	53291	0.010	13.2	15.0	
	20 Endrin	36703	43066	0.010	17.3	15.0	<- HIGH
	12 4,4'-DDD	39014	41125	0.010	5.4	15.0	
	18 Endosulfan II	39683	43771	0.010	10.3	15.0	
	14 4,4'-DDT	31235	37467	0.010	20.0	15.0	<- > HIGH
	21 Endrin Aldehyde	29532	34812	0.010	17.9	15.0	<-
	19 Endosulfan Sulfate	35471	38704	0.010	9.1	15.0	
	27 Methoxychlor	12804	14697	0.010	14.8	15.0	
	22 Endrin Ketone	38523	40721	0.010	5.7	15.0	
$	37 DCB *	20409	15761	0.010	-22.8	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\039F3901.D
Report Date: 02-Dec-2006 13:32

J.H. 12-4-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 039F3901.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Fpest.m

Injection Date: 02-DEC-2006 12:34
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23332	25012	0.010	7.2	15.0	
3 Alpha-BHC •	30904	38430	0.010	24.4	15.0	<- > HIGH
23 Gamma-BHC •	26696	34279	0.010	28.4	15.0	<-
5 Beta-BHC	13063	14376	0.010	10.1	15.0	
15 Delta-BHC	30574	34318	0.010	12.2	15.0	
25 Heptachlor •	25449	31017	0.010	21.9	15.0	<-
2 Aldrin	23749	28120	0.010	18.4	15.0	<-
26 Heptachlor Epoxide •	21169	25694	0.010	21.4	15.0	<-
24 Gamma-Chlordane •	17539	24524	0.010	39.8	15.0	<- HIGH
4 Alpha-Chlordane •	17649	23853	0.010	35.2	15.0	<-
13 4,4'-DDE •	18530	22322	0.010	20.5	15.0	<-
17 Endosulfan I •	16678	23317	0.010	39.8	15.0	<-
16 Dieldrin •	17784	24429	0.010	37.4	15.0	<-
20 Endrin•	16278	20748	0.010	27.5	15.0	<-
12 4,4'-DDD	16270	18491	0.010	13.7	15.0	
18 Endosulfan II•	15056	20189	0.010	34.1	15.0	<- > HIGH
14 4,4'-DDT •	12562	16534	0.010	31.6	15.0	<-
21 Endrin Aldehyde	14724	16023	0.010	8.8	15.0	
27 Methoxychlor	7727	7687	0.010	-0.5	15.0	
19 Endosulfan Sulfate	15594	17561	0.010	12.6	15.0	
22 Endrin Ketone •	16904	20528	0.010	21.4	15.0	<- HIGH
$ 37 DCB	8326	7034	0.010	-15.5	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120106.b\039R3901.D
Report Date: 02-Dec-2006 13:32

J.H. 12.6.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 039R3901.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120106.b\8081_82Rpest.m

Injection Date: 02-DEC-2006 12:34
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	54753	0.010	12.3	15.0	
3 Alpha-BHC	73390	85989	0.010	17.2	15.0	<-
23 Gamma-BHC	65802	76716	0.010	16.6	15.0	<-
5 Beta-BHC	28981	32098	0.010	10.8	15.0	
15 Delta-BHC	65571	78632	0.010	19.9	15.0	<-
25 Heptachlor •	60640	76383	0.010	26.0	15.0	<-
2 Aldrin •	56620	71490	0.010	26.3	15.0	<-
26 Heptachlor Epoxide •	53351	64807	0.010	21.5	15.0	<-
24 Gamma-Chlordane •	50321	64123	0.010	27.4	15.0	<-
4 Alpha-Chlordane •	47800	60734	0.010	27.1	15.0	<-
17 Endosulfan I •	43897	57482	0.010	30.9	15.0	<-
13 4,4'-DDE •	44529	60302	0.010	35.4	15.0	<-
16 Dieldrin •	47085	62880	0.010	33.5	15.0	<-
20 Endrin •	36703	51130	0.010	39.3	15.0	<-
12 4,4'-DDD •	39014	50302	0.010	28.9	15.0	<-
18 Endosulfan II •	39683	52935	0.010	33.4	15.0	<-
14 4,4'-DDT•	31235	46881	0.010	50.1	15.0	<-
21 Endrin Aldehyde •	29532	42101	0.010	42.6	15.0	<-
19 Endosulfan Sulfate •	35471	46873	0.010	32.1	15.0	<-
27 Methoxychlor •	12804	18355	0.010	43.4	15.0	<-
22 Endrin Ketone •	38523	48638	0.010	26.3	15.0	<-
$ 37 DCB	20409	16101	0.010	-21.1	15.0	<-

HIGH

HIGH

LOW

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 12/01/06 - 12/02/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.21 S2 : 14.35

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	12/01/06	1856		
02		TOX. 100PPB#	12/01/06	2342		
03		MIX AB 25 59	12/02/06	0011	7.21	14.35
04	PS2BLK1114	PS2BLK1114	12/02/06	0039	7.21	14.35
05	PS2BLK1114LC	PS2BLK1114LC	12/02/06	0108	7.21	14.35
06	PS2BLK1114LC	PS2BLK1114LC	12/02/06	0137	7.21	14.35
07	S1-SD-01-00-	0611056-01DL	12/02/06	0205	7.21	14.35
08	S1-SD-02-00-	0611056-02DL	12/02/06	0234	7.21	14.35
09	S1-SD-03-00-	0611056-03DL	12/02/06	0302	7.20	14.34
10	S1-SD-04-00-	0611056-04DL	12/02/06	0331	7.20	14.35
11	S1-SD-05-00-	0611056-05DL	12/02/06	0359	7.20	14.34
12	S1-SD-06-00-	0611056-06DL	12/02/06	0428	7.20	14.34
13	S1-SD-07-00-	0611056-07DL	12/02/06	0457	7.20	14.35
14	S1-SD-08-00-	0611056-08DL	12/02/06	0525	7.20	14.34
15	S1-SD-09-00-	0611056-09DL	12/02/06	0554	7.20	14.34
16	S1FD11040602	0611056-10DL	12/02/06	0623	7.20	14.34
17		MIX AB 25 59	12/02/06	0651	7.21	14.35
18	S2-SS-01-00-	0611056-11DL	12/02/06	0720	7.21	14.34
19	S2-SS-02-00-	0611056-12DL	12/02/06	0748	7.21	14.35
20	S2-SS-03-00-	0611056-13DL	12/02/06	0817	7.21	14.34
21	S2-SS-04-00-	0611056-14DL	12/02/06	0846	7.20	14.34
22	S2-SS-05-00-	0611056-15DL	12/02/06	0914	7.21	14.35
23	PS1BLK1115	PS1BLK1115	12/02/06	0943	7.21	14.35
24	PS1BLK1115LC	PS1BLK1115LC	12/02/06	1011	7.21	14.35
25	S2-SS-06-00-	0611056-16DL	12/02/06	1040	7.20	14.35
26	S2-SS-07-00-	0611056-17DL	12/02/06	1109	7.20	14.35
27	S2-SS-08-00-	0611056-18DL	12/02/06	1137	7.21	14.34
28	S2-SS-09-00-	0611056-19DL	12/02/06	1206	7.21	14.35
29		MIX AB 25 59	12/02/06	1234	7.21	14.34
30						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Data File: \\ELABNSH04\DD\chem\ecd4.i\120406.b\014F1401.D
Report Date: 06-Dec-2006 16:13

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 014F1401.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120406.b\8081_82Fpest.m

Injection Date: 04-DEC-2006 19:44
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23332	24352	0.010	4.4	15.0	
3 Alpha-BHC	30904	36958	0.010	19.6	15.0	<- > HIGH
23 Gamma-BHC *	26696	32704	0.010	22.5	15.0	<- > HIGH
5 Beta-BHC	13063	13649	0.010	4.5	15.0	
15 Delta-BHC	30574	32277	0.010	5.6	15.0	
25 Heptachlor	25449	28404	0.010	11.6	15.0	
2 Aldrin	23749	25247	0.010	6.3	15.0	
26 Heptachlor Epoxide	21169	22619	0.010	6.8	15.0	
24 Gamma-Chlordane *	17539	21061	0.010	20.1	15.0	<- HIGH
4 Alpha-Chlordane	17649	20289	0.010	15.0	15.0	
13 4,4'-DDE	18530	18429	0.010	-0.5	15.0	
17 Endosulfan I *	16678	20165	0.010	20.9	15.0	<- > HIGH
16 Dieldrin	17784	20623	0.010	16.0	15.0	<- > HIGH
20 Endrin	16278	17747	0.010	9.0	15.0	
12 4,4'-DDD	16270	14294	0.010	-12.1	15.0	
18 Endosulfan II	15056	16816	0.010	11.7	15.0	
14 4,4'-DDT	12562	13612	0.010	8.4	15.0	
21 Endrin Aldehyde	14724	13054	0.010	-11.3	15.0	
27 Methoxychlor	7727	6403	0.010	-17.1	15.0	<- Low
19 Endosulfan Sulfate	15594	14270	0.010	-8.5	15.0	
22 Endrin Ketone	16904	16834	0.010	-0.4	15.0	
$ 37 DCB *	8326	6550	0.010	-21.3	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120406.b\014R1401.D
Report Date: 06-Dec-2006 16:13

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 014R1401.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120406.b\8081_82Rpest.m

Injection Date: 04-DEC-2006 19:44
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	48739	52468	0.010	7.7	15.0	
	3 Alpha-BHC	73390	82164	0.010	12.0	15.0	
	23 Gamma-BHC	65802	72794	0.010	10.6	15.0	
	5 Beta-BHC	28981	30579	0.010	5.5	15.0	
	15 Delta-BHC	65571	73576	0.010	12.2	15.0	
	25 Heptachlor	60640	69446	0.010	14.5	15.0	
	2 Aldrin	56620	63487	0.010	12.1	15.0	
	26 Heptachlor Epoxide	53351	56465	0.010	5.8	15.0	
	24 Gamma-Chlordane	50321	54542	0.010	8.4	15.0	
	4 Alpha-Chlordane	47800	51518	0.010	7.8	15.0	
	17 Endosulfan I	43897	48996	0.010	11.6	15.0	
	13 4,4'-DDE	44529	49683	0.010	11.6	15.0	
	16 Dieldrin	47085	52685	0.010	11.9	15.0	
	20 Endrin	36703	43382	0.010	18.2	15.0	<- HIGH
	12 4,4'-DDD	39014	40419	0.010	3.6	15.0	
	18 Endosulfan II	39683	43856	0.010	10.5	15.0	
	14 4,4'-DDT •	31235	38173	0.010	22.2	15.0	<- > HIGH
	21 Endrin Aldehyde	29532	34219	0.010	15.9	15.0	<-
	19 Endosulfan Sulfate	35471	38287	0.010	7.9	15.0	
	27 Methoxychlor •	12804	15597	0.010	21.8	15.0	<- HIGH
	22 Endrin Ketone	38523	40422	0.010	4.9	15.0	
$	37 DCB •	20409	16288	0.010	-20.2	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120406.b\016F1601.D
Report Date: 07-Dec-2006 06:51

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 016F1601.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120406.b\8081_82Fpest.m

Injection Date: 04-DEC-2006 20:42
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	23332	24830	0.010	6.4	15.0	
3 Alpha-BHC •	30904	37578	0.010	21.6	15.0	<- > HIGH
23 Gamma-BHC •	26696	32862	0.010	23.1	15.0	<- > HIGH
5 Beta-BHC	13063	13810	0.010	5.7	15.0	
15 Delta-BHC	30574	32302	0.010	5.7	15.0	
25 Heptachlor	25449	27611	0.010	8.5	15.0	
2 Aldrin	23749	24108	0.010	1.5	15.0	
26 Heptachlor Epoxide	21169	21185	0.010	0.1	15.0	
24 Gamma-Chlordane	17539	19477	0.010	11.1	15.0	
4 Alpha-Chlordane	17649	18593	0.010	5.3	15.0	
13 4,4'-DDE	18530	16455	0.010	-11.2	15.0	
17 Endosulfan I	16678	18666	0.010	11.9	15.0	
16 Dieldrin	17784	18654	0.010	4.9	15.0	
20 Endrin	16278	15754	0.010	-3.2	15.0	
12 4,4'-DDD	16270	13062	0.010	-19.7	15.0	<- Low
18 Endosulfan II	15056	15022	0.010	-0.2	15.0	
14 4,4'-DDT	12562	11567	0.010	-7.9	15.0	
21 Endrin Aldehyde•	14724	11532	0.010	-21.7	15.0	<- Low
27 Methoxychlor •	7727	5487	0.010	-29.0	15.0	<- Low
19 Endosulfan Sulfate	15594	12376	0.010	-20.6	15.0	<- Low
22 Endrin Ketone	16904	14242	0.010	-15.7	15.0	<- Low
$ 37 DCB •	8326	5096	0.010	-38.8	15.0	<- Low

Data File: \\ELABNSH04\DD\chem\ecd4.i\120406.b\016R1601.D
Report Date: 07-Dec-2006 06:51

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 016R1601.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\120406.b\8081_82Rpest.m

Injection Date: 04-DEC-2006 20:42
Init. Cal. Date(s): 20-NOV-2006 01-DEC-2006
Init. Cal. Times: 18:30 23:42

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	48739	53617	0.010	10.0	15.0	
3 Alpha-BHC	73390	X 83225	0.010	13.4	15.0	
23 Gamma-BHC	65802	73152	0.010	11.2	15.0	
5 Beta-BHC	28981	30880	0.010	6.6	15.0	
15 Delta-BHC	65571	73933	0.010	12.8	15.0	
25 Heptachlor	60640	67686	0.010	11.6	15.0	
2 Aldrin	56620	60820	0.010	7.4	15.0	
26 Heptachlor Epoxide	53351	53447	0.010	0.2	15.0	
24 Gamma-Chlordane	50321	50597	0.010	0.5	15.0	
4 Alpha-Chlordane	47800	47380	0.010	-0.9	15.0	
17 Endosulfan I	43897	45200	0.010	3.0	15.0	
13 4,4'-DDE	44529	44842	0.010	0.7	15.0	
16 Dieldrin	47085	47723	0.010	1.4	15.0	
20 Endrin	36703	38947	0.010	6.1	15.0	
12 4,4'-DDD	39014	35725	0.010	-8.4	15.0	
18 Endosulfan II	39683	39303	0.010	-1.0	15.0	
14 4,4'-DDT	31235	32402	0.010	3.7	15.0	
21 Endrin Aldehyde	29532	30310	0.010	2.6	15.0	
19 Endosulfan Sulfate	35471	33156	0.010	-6.5	15.0	
27 Methoxychlor	12804	12783	0.010	-0.2	15.0	
22 Endrin Ketone	38523	34437	0.010	-10.6	15.0	
$ 37 DCB *	20409	12694	0.010	-37.8	15.0	<- Low

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 12/04/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.21 S2 : 14.34

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	12/04/06	1401		
02		MIX AB 25 59	12/04/06	1944	7.21	14.34
03	S2-SS-13-00-	0611056-23	12/04/06	2013	7.21	14.35
04		MIX AB 25 59	12/04/06	2042	7.20	14.34
05						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/27/06 - 11/28/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.43 S2 : 14.99

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/27/06	1151		
02		MIX AB 200 5	11/27/06	1333	7.43	15.00
03		MIX AB 100 5	11/27/06	1402	7.43	15.00
04		MIX AB 50 56	11/27/06	1431	7.43	15.00
05		MIX AB 25 59	11/27/06	1459	7.43	15.00
06		MIX AB 10 56	11/27/06	1528	7.43	15.00
07		MIX AB 5 565	11/27/06	1557	7.43	15.00
08		MIX AB 1 571	11/27/06	1625	7.43	15.00
09		AB ICV 25 #5	11/27/06	1654		
10		TOX. 100PPB#	11/27/06	1820		
11		MIX AB 25 59	11/27/06	1848	7.43	14.99
12	ZZZZZ	ZZZZZ	11/27/06	1917	7.41	
13	PS2BLK1114	PS2BLK1114	11/27/06	1946	7.43	15.00
14	PS2BLK1114LC	PS2BLK1114LC	11/27/06	2014	7.43	14.99
15	PS2BLK1114LC	PS2BLK1114LC	11/27/06	2043	7.43	14.99
16	ZZZZZ	ZZZZZ	11/27/06	2111	7.43	15.00
17	S1-SD-01-00-	0611056-01	11/27/06	2140	7.43	14.99
18	S1-SD-02-00-	0611056-02	11/27/06	2208	7.43	15.00
19	S1-SD-03-00-	0611056-03	11/27/06	2237	7.43	15.00
20	S1-SD-04-00-	0611056-04	11/27/06	2306	7.43	15.00
21	S1-SD-05-00-	0611056-05	11/27/06	2334	7.43	15.00
22	S1-SD-06-00-	0611056-06	11/28/06	0003	7.43	14.99
23	S1-SD-07-00-	0611056-07	11/28/06	0032	7.43	14.99
24	S1-SD-08-00-	0611056-08	11/28/06	0100	7.43	14.99
25	S1-SD-09-00-	0611056-09	11/28/06	0129	7.43	14.99
26		MIX AB 25 59	11/28/06	0157	7.43	14.99
27	S1FD11040602	0611056-10	11/28/06	0226	7.43	14.99
28	S2-SS-01-00-	0611056-11	11/28/06	0255	7.43	14.99
29	S2-SS-02-00-	0611056-12	11/28/06	0323	7.43	14.99
30	S2-SS-03-00-	0611056-13	11/28/06	0352	7.43	14.99
31	S2-SS-04-00-	0611056-14	11/28/06	0420	7.43	14.99
32	S2-SS-05-00-	0611056-15	11/28/06	0449	7.43	14.99

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/27/06 - 11/28/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 7.43 S2 : 14.99					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	PS1BLK1115	PS1BLK1115	11/28/06	0517	7.43	15.00
02	PS1BLK1115LC	PS1BLK1115LC	11/28/06	0546	7.42	14.99
03	S2-SS-06-00-	0611056-16	11/28/06	0615	7.43	14.99
04	S2-SS-07-00-	0611056-17	11/28/06	0643	7.43	15.00
05	S2-SS-08-00-	0611056-18	11/28/06	0712	7.43	14.99
06	S2-SS-09-00-	0611056-19	11/28/06	0740	7.43	15.00
07		MIX AB 25 59	11/28/06	0809	7.43	14.99
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/28/06 - 11/29/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.37 S2 : 14.92

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/28/06	1652		
02		TOX. 100PPB#	11/28/06	2206		
03		MIX AB 25 59	11/29/06	0544	7.36	14.92
04	S2-SS-10-00-	0611056-20	11/29/06	0613	7.37	14.92
05	S2-SS-11-00-	0611056-21	11/29/06	0641	7.37	14.92
06	S2-SS-12-00-	0611056-22	11/29/06	0710	7.37	14.92
07	S2-SS-13-00-	0611056-23	11/29/06	0738	7.36	14.92
08	S2-SS-14-00-	0611056-24	11/29/06	0807	7.36	14.92
09	S2-SS-15-00-	0611056-25	11/29/06	0836	7.36	14.92
10	S2-SS-15-00-	0611056-25MS	11/29/06	0904	7.37	14.92
11	S2-SS-15-00-	0611056-25MS	11/29/06	0933	7.36	14.92
12	S2-SS-16-00-	0611056-26	11/29/06	1001	7.36	14.92
13	S2-SS-17-00-	0611056-27	11/29/06	1030	7.36	14.92
14	S2-SS-18-00-	0611056-28	11/29/06	1059	7.36	14.92
15	S2-SS-19-00-	0611056-29	11/29/06	1127	7.36	14.92
16		MIX AB 25 59	11/29/06	1156	7.36	14.92
17	S2-SS-20-00-	0611056-30	11/29/06	1225	7.37	14.92
18	S2-SS-20-00-	0611056-30MS	11/29/06	1253	7.36	14.92
19	S2-SS-20-00-	0611056-30MS	11/29/06	1322	7.36	14.92
20	S2-SS-21-00-	0611056-31	11/29/06	1351	7.36	14.92
21	S2-SS-22-00-	0611056-32	11/29/06	1419	7.36	14.92
22	S2FD11050601	0611056-33	11/29/06	1448	7.37	14.92
23	S5-SD-01-00-	0611056-34	11/29/06	1517	7.36	14.92
24	S5-SD-02-00-	0611056-35	11/29/06	1545	7.36	14.92
25	PS1BLK1116	PS1BLK1116	11/29/06	1614	7.36	14.92
26	PS1BLK1116LC	PS1BLK1116LC	11/29/06	1642	7.37	14.92
27	PS1BLK1116LC	PS1BLK1116LC	11/29/06	1711	7.37	14.92
28	S5-SD-03-00-	0611056-36	11/29/06	1740	7.36	14.92
29	S5-SD-04-00-	0611056-37	11/29/06	1808	7.36	14.92
30	S5-SD-05-00-	0611056-38	11/29/06	1837	7.36	14.92
31	S5FD11060602	0611056-39	11/29/06	1905	7.36	14.92
32		MIX AB 25 59	11/29/06	1934	7.36	14.92
33						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 12/01/06 - 12/02/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.30 S2 : 14.84

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	12/01/06	1856		
02		TOX. 100PPB#	12/01/06	2342		
03		MIX AB 25 59	12/02/06	0011	7.30	14.84
04	PS2BLK1114	PS2BLK1114	12/02/06	0039	7.30	14.84
05	PS2BLK1114LC	PS2BLK1114LC	12/02/06	0108	7.30	14.84
06	PS2BLK1114LC	PS2BLK1114LC	12/02/06	0137	7.30	14.84
07	S1-SD-01-00-	0611056-01DL	12/02/06	0205	7.30	14.84
08	S1-SD-02-00-	0611056-02DL	12/02/06	0234	7.30	14.84
09	S1-SD-03-00-	0611056-03DL	12/02/06	0302	7.29	14.84
10	S1-SD-04-00-	0611056-04DL	12/02/06	0331	7.30	14.84
11	S1-SD-05-00-	0611056-05DL	12/02/06	0359	7.30	14.84
12	S1-SD-06-00-	0611056-06DL	12/02/06	0428	7.29	14.84
13	S1-SD-07-00-	0611056-07DL	12/02/06	0457	7.29	14.84
14	S1-SD-08-00-	0611056-08DL	12/02/06	0525	7.30	14.85
15	S1-SD-09-00-	0611056-09DL	12/02/06	0554	7.30	14.84
16	S1FD11040602	0611056-10DL	12/02/06	0623	7.29	14.84
17		MIX AB 25 59	12/02/06	0651	7.30	14.84
18	S2-SS-01-00-	0611056-11DL	12/02/06	0720	7.30	14.84
19	S2-SS-02-00-	0611056-12DL	12/02/06	0748	7.29	14.84
20	S2-SS-03-00-	0611056-13DL	12/02/06	0817	7.29	14.84
21	S2-SS-04-00-	0611056-14DL	12/02/06	0846	7.30	14.84
22	S2-SS-05-00-	0611056-15DL	12/02/06	0914	7.30	14.84
23	PS1BLK1115	PS1BLK1115	12/02/06	0943	7.30	14.84
24	PS1BLK1115LC	PS1BLK1115LC	12/02/06	1011	7.30	14.84
25	S2-SS-06-00-	0611056-16DL	12/02/06	1040	7.29	14.84
26	S2-SS-07-00-	0611056-17DL	12/02/06	1109	7.30	14.84
27	S2-SS-08-00-	0611056-18DL	12/02/06	1137	7.30	14.84
28	S2-SS-09-00-	0611056-19DL	12/02/06	1206	7.29	14.84
29		MIX AB 25 59	12/02/06	1234	7.30	14.84
30						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PESTA

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 12/04/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 7.29 S2 : 14.84					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	12/04/06	1401		
02		MIX AB 25 59	12/04/06	1944	7.29	14.84
03	S2-SS-13-00-	0611056-23	12/04/06	2013	7.29	14.84
04		MIX AB 25 59	12/04/06	2042	7.29	14.84
05						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-10 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	2.171	
	2	9.10	9.05	9.11	3.895	56.8
4,4'-DDD	1	11.75	11.72	11.78	36.08	
	2	12.04	12.01	12.07	33.91	6.2
4,4'-DDE	1	11.02	10.99	11.05	36.56	
	2	11.34	11.31	11.37	36.92	1.0
4,4'-DDT	1	12.09	12.06	12.12	17.29	
	2	12.42	12.39	12.45	20.70	18.0
Endosulfan II	1	11.98	11.97	12.03	6.257	
	2	12.19	12.18	12.24	12.52	66.7
Endosulfan Sulfate	1	13.03	13.00	13.06	4.130	
	2	12.96	12.91	12.97	2.967	32.8
Endrin	1	11.71	11.70	11.76	7.570	
	2	11.96	11.93	11.99	5.259	36.0
Endrin Aldehyde	1	12.51	12.47	12.53	36.21	
	2	12.64	12.58	12.64	2.293	176.2

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1FD11040602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-10 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor Epoxide	1	10.61	10.61	10.67	7.898	
	2	10.73	10.72	10.78	3.422	79.1
Methoxychlor	1	12.63	12.60	12.66	200.9	
	2	13.20	13.18	13.24	43.48	128.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1FD11040602DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-10DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.62	11.59	11.65	36.02	
	2	11.90	11.88	11.94	36.43	1.1
4,4'-DDE	1	10.89	10.86	10.92	37.36	
	2	11.21	11.18	11.24	32.78	13.0
Methoxychlor	1	12.49	12.45	12.51	146.5	
	2	13.06	13.04	13.10	52.57	94.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-01 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.26	8.23	8.29	15.00	
	2	8.43	8.40	8.46	15.40	2.6
Beta-BHC	1	8.87	8.84	8.90	6.168	
	2	9.08	9.05	9.11	5.444	12.5
4,4'-DDD	1	11.75	11.72	11.78	90.45	
	2	12.04	12.01	12.07	84.36	7.0
4,4'-DDE	1	11.02	10.99	11.05	264.1	
	2	11.34	11.31	11.37	268.1	1.5
4,4'-DDT	1	12.09	12.06	12.12	35.44	
	2	12.42	12.39	12.45	40.13	12.4
Delta-BHC	1	9.13	9.10	9.16	0.8484	
	2	9.49	9.46	9.52	0.8650	1.9
Endosulfan I	1	11.13	11.11	11.17	0.4279	
	2	11.25	11.22	11.28	2.143	133.4
Endosulfan II	1	12.00	11.97	12.03	3.657	
	2	12.20	12.18	12.24	2.184	50.4

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-01 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan Sulfate	1	13.00	13.00	13.06	1.756	
	2	12.96	12.91	12.97	4.386	85.6
Endrin	1	11.71	11.70	11.76	4.174	
	2	11.96	11.93	11.99	13.14	103.6
Gamma-BHC	1	8.74	8.71	8.77	3.691	
	2	8.96	8.93	8.99	3.985	7.7
Methoxychlor	1	12.63	12.60	12.66	357.9	
	2	13.20	13.18	13.24	4.655	194.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-01DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.13	8.10	8.16	15.36	
	2	8.30	8.27	8.33	12.84	17.9
Beta-BHC	1	8.74	8.71	8.77	7.513	
	2	8.95	8.92	8.98	5.915	23.8
4,4'-DDD	1	11.62	11.59	11.65	73.51	
	2	11.91	11.88	11.94	74.02	0.7
4,4'-DDE	1	10.89	10.86	10.92	231.9	
	2	11.21	11.18	11.24	251.5	8.1
4,4'-DDT	1	11.96	11.94	12.00	31.64	
	2	12.28	12.25	12.31	33.34	5.2
Methoxychlor	1	12.49	12.45	12.51	236.2	
	2	13.06	13.04	13.10	5.533	190.8
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-02 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.26	8.23	8.29	0.4907	
	2	8.43	8.40	8.46	0.4024	19.8
Beta-BHC	1	8.87	8.84	8.90	7.499	
	2	9.08	9.05	9.11	6.921	8.0
4,4'-DDD	1	11.75	11.72	11.78	18.14	
	2	12.04	12.01	12.07	14.92	19.5
4,4'-DDE	1	11.02	10.99	11.05	298.0	
	2	11.34	11.31	11.37	310.0	3.9
4,4'-DDT	1	12.09	12.06	12.12	35.50	
	2	12.42	12.39	12.45	41.80	16.3
Delta-BHC	1	9.13	9.10	9.16	0.5908	
	2	9.49	9.46	9.52	0.5070	15.3
Endosulfan I	1	11.13	11.11	11.17	1.416	
	2	11.25	11.22	11.28	1.558	9.5
Endosulfan II	1	11.98	11.97	12.03	3.127	
	2	12.19	12.18	12.24	15.48	132.8

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-02 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan Sulfate	1	13.01	13.00	13.06	12.27	
	2	12.96	12.91	12.97	15.52	23.4
Endrin	1	11.71	11.70	11.76	5.616	
	2	11.96	11.93	11.99	20.47	113.9
Endrin Aldehyde	1	12.51	12.47	12.53	15.55	
	2	12.62	12.58	12.64	5.976	89.0
Gamma-BHC	1	8.74	8.71	8.77	0.7406	
	2	8.98	8.93	8.99	1.108	39.7
Methoxychlor	1	12.63	12.60	12.66	2929	
	2	13.20	13.18	13.24	6.322	199.1
_____	1					
	2					
_____	1					
	2					
_____	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-02DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.74	8.71	8.77	11.86	
	2	8.95	8.92	8.98	7.550	44.4
4,4'-DDD	1	11.62	11.59	11.65	19.33	
	2	11.91	11.88	11.94	13.40	36.2
4,4'-DDE	1	10.89	10.86	10.92	285.1	
	2	11.21	11.18	11.24	306.4	7.2
4,4'-DDT	1	11.96	11.94	12.00	37.64	
	2	12.28	12.25	12.31	39.70	5.3
Endosulfan Sulfate	1	12.87	12.86	12.92	22.50	
	2	12.82	12.77	12.83	21.47	4.7
Endrin	1	11.58	11.56	11.62	7.726	
	2	11.83	11.79	11.85	21.92	95.8
Endrin Aldehyde	1	12.33	12.31	12.37	8.964	
	2	12.48	12.44	12.50	22.24	85.1
Methoxychlor	1	12.49	12.45	12.51	1951	
	2	13.06	13.04	13.10	15.35	196.9

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-03 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.88	8.84	8.90	1.709	
	2	9.10	9.05	9.11	1.417	18.7
4,4'-DDD	1	11.75	11.72	11.78	6.611	
	2	12.04	12.01	12.07	5.139	25.0
4,4'-DDE	1	11.02	10.99	11.05	37.87	
	2	11.34	11.31	11.37	42.71	12.0
4,4'-DDT	1	12.07	12.06	12.12	7.271	
	2	12.43	12.39	12.45	7.748	6.4
Endrin	1	11.72	11.70	11.76	4.161	
	2	11.99	11.93	11.99	4.424	6.1
Methoxychlor	1	12.63	12.60	12.66	4.916	
	2	13.19	13.18	13.24	1.657	99.2
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-03DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.89	10.86	10.92	37.74	
	2	11.21	11.18	11.24	33.97	10.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-04 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	7.920	
	2	12.04	12.01	12.07	6.791	15.3
4,4'-DDE	1	11.02	10.99	11.05	25.10	
	2	11.34	11.31	11.37	26.01	3.6
4,4'-DDT	1	12.09	12.06	12.12	8.219	
	2	12.42	12.39	12.45	11.48	33.1
Endosulfan II	1	11.99	11.97	12.03	6.340	
	2	12.19	12.18	12.24	4.456	34.9
Heptachlor Epoxide	1	10.61	10.61	10.67	9.202	
	2	10.74	10.72	10.78	2.149	124.3
Methoxychlor	1	12.63	12.60	12.66	103.7	
	2	13.20	13.18	13.24	40.73	87.2
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-04-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-04DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.50	12.45	12.51	53.00	
	2	13.07	13.04	13.10	28.37	60.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-05 Date(s) Analyzed: 11/27/06 11/27/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	24.34	
	2	12.04	12.01	12.07	21.92	10.5
4,4'-DDE	1	11.02	10.99	11.05	34.82	
	2	11.34	11.31	11.37	36.54	4.8
4,4'-DDT	1	12.09	12.06	12.12	15.94	
	2	12.42	12.39	12.45	21.85	31.3
Endosulfan II	1	11.99	11.97	12.03	10.35	
	2	12.19	12.18	12.24	12.78	21.0
Heptachlor Epoxide	1	10.61	10.61	10.67	11.29	
	2	10.74	10.72	10.78	2.528	126.8
Methoxychlor	1	12.63	12.60	12.66	72.74	
	2	13.20	13.18	13.24	55.64	26.6
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S1-SD-05-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-05DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.49	12.45	12.51	45.50	
	2	13.06	13.04	13.10	31.46	36.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-06 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	4.029	
	2	9.10	9.05	9.11	7.241	57.0
4,4'-DDD	1	11.75	11.72	11.78	26.79	
	2	12.04	12.01	12.07	21.62	21.4
4,4'-DDE	1	11.02	10.99	11.05	25.25	
	2	11.34	11.31	11.37	23.32	7.9
4,4'-DDT	1	12.09	12.06	12.12	11.12	
	2	12.42	12.39	12.45	13.95	22.6
Endosulfan II	1	11.99	11.97	12.03	5.398	
	2	12.19	12.18	12.24	12.13	76.8
Endrin Aldehyde	1	12.51	12.47	12.53	26.22	
	2	12.64	12.58	12.64	3.893	148.3
Methoxychlor	1	12.63	12.60	12.66	127.7	
	2	13.20	13.18	13.24	20.58	144.5
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-07 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	5.521	
	2	12.04	12.01	12.07	5.181	6.4
4,4'-DDE	1	11.02	10.99	11.05	6.689	
	2	11.34	11.31	11.37	7.215	7.6
Endosulfan II	1	11.99	11.97	12.03	3.398	
	2	12.19	12.18	12.24	2.875	16.7
Heptachlor Epoxide	1	10.61	10.61	10.67	4.957	
	2	10.74	10.72	10.78	1.890	89.6
Methoxychlor	1	12.65	12.60	12.66	43.74	
	2	13.20	13.18	13.24	27.98	43.9
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-08 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.28	8.23	8.29	8.568	
	2	8.42	8.40	8.46	8.090	5.7
Beta-BHC	1	8.89	8.84	8.90	98.44	
	2	9.09	9.05	9.11	177.9	57.5
4,4'-DDD	1	11.74	11.72	11.78	354.0	
	2	12.02	12.01	12.07	23.46	175.1
4,4'-DDE	1	11.04	10.99	11.05	29.11	
	2	11.32	11.31	11.37	19.50	39.5
4,4'-DDT	1	12.09	12.06	12.12	38.71	
	2	12.42	12.39	12.45	170.2	125.9
Delta-BHC	1	9.15	9.10	9.16	35.34	
	2	9.51	9.46	9.52	41.58	16.2
Dieldrin	1	11.43	11.41	11.47	18.97	
	2	11.61	11.55	11.61	165.9	159.0
Endosulfan II	1	12.00	11.97	12.03	187.2	
	2	12.21	12.18	12.24	51.40	113.8

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-08 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin Aldehyde	1	12.52	12.47	12.53	26.30	
	2	12.61	12.58	12.64	126.9	131.3
Gamma-BHC	1	8.73	8.71	8.77	35.03	
	2	8.98	8.93	8.99	54.08	42.8
Heptachlor Epoxide	1	10.66	10.61	10.67	12.97	
	2	10.76	10.72	10.78	12.70	2.1
Methoxychlor	1	12.66	12.60	12.66	1897	
	2	13.21	13.18	13.24	184.2	164.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-08-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-08DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	9.71	9.68	9.74	47.62	
	2	9.87	9.85	9.91	29.48	47.0
Beta-BHC	1	8.75	8.71	8.77	98.99	
	2	8.95	8.92	8.98	136.5	31.8
4,4'-DDD	1	11.62	11.59	11.65	19.02	
	2	11.92	11.88	11.94	103.2	137.8
4,4'-DDT	1	11.95	11.94	12.00	70.63	
	2	12.27	12.25	12.31	156.1	75.4
Delta-BHC	1	9.01	8.97	9.03	35.28	
	2	9.37	9.33	9.39	29.83	16.7
Endosulfan II	1	11.86	11.82	11.88	408.6	
	2	12.06	12.04	12.10	434.3	6.1
Endosulfan Sulfate	1	12.89	12.86	12.92	145.5	
	2	12.82	12.77	12.83	53.13	93.0
Endrin	1	11.58	11.56	11.62	287.1	
	2	11.82	11.79	11.85	103.9	93.7

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-08-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-08DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Gamma-BHC	1	8.59	8.56	8.62	41.48	
	2	8.84	8.80	8.86	41.60	0.3
Heptachlor Epoxide	1	10.50	10.47	10.53	34.01	
	2	10.61	10.59	10.65	18.62	58.5
Methoxychlor	1	12.49	12.45	12.51	1141	
	2	13.07	13.04	13.10	424.6	91.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-09 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.88	8.84	8.90	9.908	
	2	9.10	9.05	9.11	27.18	93.1
4,4'-DDD	1	11.75	11.72	11.78	39.41	
	2	12.04	12.01	12.07	41.02	4.0
4,4'-DDE	1	11.02	10.99	11.05	37.00	
	2	11.34	11.31	11.37	46.75	23.3
4,4'-DDT	1	12.09	12.06	12.12	41.13	
	2	12.42	12.39	12.45	52.20	23.7
Endosulfan I	1	11.17	11.11	11.17	2.056	
	2	11.26	11.22	11.28	3.313	46.8
Endosulfan II	1	11.98	11.97	12.03	8.524	
	2	12.19	12.18	12.24	29.31	109.9
Endosulfan Sulfate	1	13.03	13.00	13.06	19.01	
	2	12.96	12.91	12.97	5.150	114.7
Endrin	1	11.71	11.70	11.76	8.757	
	2	11.96	11.93	11.99	6.131	35.3

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-09 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Gamma-BHC	1	8.76	8.71	8.77	6.503	
	2	8.97	8.93	8.99	1.767	114.5
Heptachlor Epoxide	1	10.61	10.61	10.67	12.21	
	2	10.74	10.72	10.78	2.538	131.2
Methoxychlor	1	12.63	12.60	12.66	200.4	
	2	13.20	13.18	13.24	53.34	115.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-09DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.62	11.59	11.65	34.67	
	2	11.91	11.88	11.94	41.87	18.8
4,4'-DDE	1	10.89	10.86	10.92	34.52	
	2	11.21	11.18	11.24	42.66	21.1
4,4'-DDT	1	11.96	11.94	12.00	36.65	
	2	12.28	12.25	12.31	49.57	30.0
Methoxychlor	1	12.49	12.45	12.51	141.0	
	2	13.06	13.04	13.10	47.42	99.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2FD11050601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-33 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.70	11.67	11.73	3.202	
	2	11.97	11.95	12.01	2.667	18.2
4,4'-DDE	1	10.96	10.93	10.99	112.2	
	2	11.28	11.25	11.31	118.6	5.5
4,4'-DDT	1	12.03	12.00	12.06	4.248	
	2	12.35	12.32	12.38	4.803	12.3
Dieldrin	1	11.38	11.35	11.41	0.5847	
	2	11.53	11.49	11.55	9.013	175.6
Endrin Aldehyde	1	12.44	12.41	12.47	0.8665	
	2	12.55	12.52	12.58	1.375	45.4
Methoxychlor	1	12.57	12.55	12.61	4.556	
	2	13.13	13.11	13.17	0.8388	137.8
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SS-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-11 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	4.419	
	2	12.04	12.01	12.07	3.610	20.2
4,4'-DDE	1	11.02	10.99	11.05	63.91	
	2	11.34	11.31	11.37	62.71	1.9
4,4'-DDT	1	12.09	12.06	12.12	4.934	
	2	12.42	12.39	12.45	4.821	2.3
Endosulfan II	1	12.01	11.97	12.03	3.592	
	2	12.20	12.18	12.24	5.745	46.1
Endrin Aldehyde	1	12.52	12.47	12.53	17.96	
	2	12.62	12.58	12.64	8.619	70.3
Methoxychlor	1	12.63	12.60	12.66	25.09	
	2	13.19	13.18	13.24	4.234	142.2
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-11DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.89	10.86	10.92	47.57	
	2	11.21	11.18	11.24	49.85	4.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-12 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	11.19	
	2	12.04	12.01	12.07	11.00	1.7
4,4'-DDE	1	11.02	10.99	11.05	13.83	
	2	11.34	11.31	11.37	13.56	2.0
4,4'-DDT	1	12.09	12.06	12.12	27.25	
	2	12.42	12.39	12.45	27.05	0.7
Endrin Aldehyde	1	12.51	12.47	12.53	0.9061	
	2	12.62	12.58	12.64	0.7828	14.6
Methoxychlor	1	12.63	12.60	12.66	18.52	
	2	13.20	13.18	13.24	0.8614	182.2
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-12DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.62	11.59	11.65	7.902	
	2	11.90	11.88	11.94	9.792	21.4
4,4'-DDE	1	10.89	10.86	10.92	10.48	
	2	11.20	11.18	11.24	11.77	11.6
4,4'-DDT	1	11.96	11.94	12.00	25.32	
	2	12.28	12.25	12.31	27.68	8.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-13 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	0.5523	
	2	9.06	9.05	9.11	1.133	68.9
4,4'-DDD	1	11.75	11.72	11.78	20.65	
	2	12.04	12.01	12.07	19.67	4.9
4,4'-DDE	1	11.02	10.99	11.05	239.8	
	2	11.34	11.31	11.37	233.8	2.5
4,4'-DDT	1	12.09	12.06	12.12	43.52	
	2	12.42	12.39	12.45	41.60	4.5
Dieldrin	1	11.46	11.41	11.47	5.741	
	2	11.59	11.55	11.61	20.30	111.8
Endosulfan I	1	11.13	11.11	11.17	1.151	
	2	11.26	11.22	11.28	1.048	9.4
Endosulfan II	1	12.00	11.97	12.03	5.102	
	2	12.19	12.18	12.24	1.074	130.4
Endrin	1	11.70	11.70	11.76	1.026	
	2	11.96	11.93	11.99	9.119	159.5

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-13 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin Aldehyde	1	12.52	12.47	12.53	13.62	
	2	12.62	12.58	12.64	8.495	46.3
Methoxychlor	1	12.63	12.60	12.66	44.06	
	2	13.20	13.18	13.24	7.259	143.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-13DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.62	11.59	11.65	13.25	
	2	11.91	11.88	11.94	15.24	14.0
4,4'-DDE	1	10.89	10.86	10.92	169.1	
	2	11.21	11.18	11.24	190.0	11.6
4,4'-DDT	1	11.96	11.94	12.00	27.46	
	2	12.28	12.25	12.31	29.70	7.8
Endrin Aldehyde	1	12.32	12.31	12.37	11.97	
	2	12.48	12.44	12.50	6.211	63.4
Methoxychlor	1	12.50	12.45	12.51	17.89	
	2	13.07	13.04	13.10	3.933	127.9
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-14 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	0.6711	
	2	9.08	9.05	9.11	0.5477	20.2
4,4'-DDD	1	11.75	11.72	11.78	31.00	
	2	12.04	12.01	12.07	29.06	6.5
4,4'-DDE	1	11.02	10.99	11.05	81.92	
	2	11.34	11.31	11.37	81.05	1.1
4,4'-DDT	1	12.09	12.06	12.12	37.84	
	2	12.41	12.39	12.45	35.90	5.3
Endosulfan I	1	11.17	11.11	11.17	0.4900	
	2	11.25	11.22	11.28	0.3088	45.4
Endosulfan II	1	12.00	11.97	12.03	0.8058	
	2	12.22	12.18	12.24	1.216	40.6
Endosulfan Sulfate	1	13.01	13.00	13.06	0.4670	
	2	12.97	12.91	12.97	1.144	84.0
Endrin	1	11.72	11.70	11.76	0.8492	
	2	11.96	11.93	11.99	11.36	172.2

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-14 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin Aldehyde	1	12.49	12.47	12.53	9.403	
	2	12.61	12.58	12.64	1.118	157.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-04-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-14DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.63	11.59	11.65	26.86	
	2	11.91	11.88	11.94	23.65	12.7
4,4'-DDE	1	10.89	10.86	10.92	64.61	
	2	11.21	11.18	11.24	71.40	10.0
4,4'-DDT	1	11.96	11.94	12.00	28.98	
	2	12.28	12.25	12.31	31.22	7.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-15 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	2.961	
	2	12.04	12.01	12.07	2.265	26.6
4,4'-DDE	1	11.02	10.99	11.05	3.351	
	2	11.34	11.31	11.37	3.294	1.7
4,4'-DDT	1	12.09	12.06	12.12	2.796	
	2	12.42	12.39	12.45	3.546	23.6
Endosulfan I	1	11.13	11.11	11.17	0.3463	
	2	11.26	11.22	11.28	0.4145	17.9
Endosulfan II	1	12.00	11.97	12.03	3.328	
	2	12.19	12.18	12.24	1.534	73.8
Endosulfan Sulfate	1	13.01	13.00	13.06	0.8143	
	2	12.96	12.91	12.97	0.8113	0.4
Endrin	1	11.71	11.70	11.76	1.275	
	2	11.96	11.93	11.99	0.6185	69.3
Endrin Aldehyde	1	12.52	12.47	12.53	3.926	
	2	12.61	12.58	12.64	1.974	66.2

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-15 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.63	12.60	12.66	101.5	
	2	13.20	13.18	13.24	1.522	194.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SS-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-16 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	1.805	
	2	12.04	12.01	12.07	1.266	35.1
4,4'-DDE	1	11.02	10.99	11.05	4.192	
	2	11.34	11.31	11.37	3.478	18.6
4,4'-DDT	1	12.07	12.06	12.12	0.5709	
	2	12.42	12.39	12.45	3.618	145.5
Endosulfan Sulfate	1	13.00	13.00	13.06	0.7598	
	2	12.96	12.91	12.97	1.185	43.7
Endrin	1	11.71	11.70	11.76	0.7927	
	2	11.96	11.93	11.99	0.7620	3.9
Endrin Aldehyde	1	12.50	12.47	12.53	1.805	
	2	12.62	12.58	12.64	0.5188	110.7
Methoxychlor	1	12.63	12.60	12.66	127.0	
	2	13.20	13.18	13.24	0.8611	197.3
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-06-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-16DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.89	10.86	10.92	5.021	
	2	11.20	11.18	11.24	4.064	21.1
4,4'-DDT	1	11.96	11.94	12.00	4.290	
	2	12.28	12.25	12.31	5.476	24.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-17 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.26	8.23	8.29	1.794	
	2	8.46	8.40	8.46	0.9938	57.4
Beta-BHC	1	8.88	8.84	8.90	1.638	
	2	9.10	9.05	9.11	0.8138	67.2
4,4'-DDD	1	11.75	11.72	11.78	13.39	
	2	12.04	12.01	12.07	10.78	21.6
4,4'-DDE	1	11.02	10.99	11.05	22.86	
	2	11.34	11.31	11.37	20.09	12.9
4,4'-DDT	1	12.09	12.06	12.12	3.964	
	2	12.42	12.39	12.45	7.372	60.1
Delta-BHC	1	9.14	9.10	9.16	2.305	
	2	9.49	9.46	9.52	1.029	76.5
Dieldrin	1	11.46	11.41	11.47	2.828	
	2	11.57	11.55	11.61	88.05	187.6
Endosulfan I	1	11.14	11.11	11.17	2.460	
	2	11.25	11.22	11.28	1.840	28.8

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-17 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan II	1	12.00	11.97	12.03	4.152	
	2	12.20	12.18	12.24	11.41	93.3
Endosulfan Sulfate	1	13.00	13.00	13.06	6.008	
	2	12.96	12.91	12.97	7.377	20.4
Endrin	1	11.71	11.70	11.76	5.465	
	2	11.98	11.93	11.99	32.62	142.6
Endrin Aldehyde	1	12.50	12.47	12.53	12.79	
	2	12.62	12.58	12.64	3.220	119.6
Heptachlor	1	9.43	9.40	9.46	0.9114	
	2	9.58	9.54	9.60	0.9280	1.8
Heptachlor Epoxide	1	10.63	10.61	10.67	3.381	
	2	10.74	10.72	10.78	0.7584	126.7
Methoxychlor	1	12.63	12.60	12.66	943.3	
	2	13.20	13.18	13.24	6.378	197.3
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-17DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.62	11.59	11.65	13.89	
	2	11.91	11.88	11.94	14.33	3.1
4,4'-DDE	1	10.89	10.86	10.92	29.93	
	2	11.21	11.18	11.24	23.26	25.1
4,4'-DDT	1	11.99	11.94	12.00	30.74	
	2	12.28	12.25	12.31	14.99	68.9
Endosulfan Sulfate	1	12.87	12.86	12.92	13.93	
	2	12.82	12.77	12.83	18.21	26.6
Methoxychlor	1	12.49	12.45	12.51	869.9	
	2	13.06	13.04	13.10	14.70	193.4
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-18 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.75	11.72	11.78	2.287	
	2	12.04	12.01	12.07	1.366	50.4
4,4'-DDE	1	11.02	10.99	11.05	9.625	
	2	11.34	11.31	11.37	4.177	78.9
4,4'-DDT	1	12.09	12.06	12.12	0.9585	
	2	12.41	12.39	12.45	2.601	92.3
Delta-BHC	1	9.14	9.10	9.16	0.9544	
	2	9.51	9.46	9.52	4.055	123.8
Dieldrin	1	11.46	11.41	11.47	0.6804	
	2	11.58	11.55	11.61	5.516	156.1
Endosulfan II	1	12.00	11.97	12.03	1.411	
	2	12.21	12.18	12.24	5.740	121.1
Endrin	1	11.72	11.70	11.76	2.721	
	2	11.97	11.93	11.99	0.9503	96.5
Gamma-BHC	1	8.77	8.71	8.77	1.652	
	2	8.98	8.93	8.99	0.4321	117.1

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-18 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	9.40	9.40	9.46	0.6062	
	2	9.59	9.54	9.60	0.4480	30.0
Heptachlor Epoxide	1	10.63	10.61	10.67	13.34	
	2	10.73	10.72	10.78	2.350	140.1
Methoxychlor	1	12.63	12.60	12.66	126.4	
	2	13.20	13.18	13.24	11.36	167.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-08-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-18DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.49	12.45	12.51	112.2	
	2	13.06	13.04	13.10	11.62	162.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-19 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.86	8.84	8.90	0.8575	
	2	9.09	9.05	9.11	4.361	134.3
4,4'-DDD	1	11.75	11.72	11.78	4.764	
	2	12.04	12.01	12.07	1.588	100.0
4,4'-DDE	1	11.02	10.99	11.05	187.5	
	2	11.34	11.31	11.37	176.2	6.2
4,4'-DDT	1	12.08	12.06	12.12	5.724	
	2	12.42	12.39	12.45	20.20	111.7
Delta-BHC	1	9.14	9.10	9.16	9.322	
	2	9.51	9.46	9.52	1.180	155.0
Dieldrin	1	11.45	11.41	11.47	1.638	
	2	11.57	11.55	11.61	47.60	186.7
Endosulfan I	1	11.12	11.11	11.17	1.349	
	2	11.24	11.22	11.28	1.688	22.3
Endosulfan II	1	11.99	11.97	12.03	3.124	
	2	12.21	12.18	12.24	16.80	137.3

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-19 Date(s) Analyzed: 11/28/06 11/28/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan Sulfate	1	13.00	13.00	13.06	2.986	
	2	12.96	12.91	12.97	8.244	93.6
Endrin	1	11.72	11.70	11.76	12.12	
	2	11.96	11.93	11.99	1.689	151.1
Endrin Aldehyde	1	12.50	12.47	12.53	17.17	
	2	12.62	12.58	12.64	7.293	80.8
Heptachlor	1	9.41	9.40	9.46	4.241	
	2	9.60	9.54	9.60	2.973	35.2
Heptachlor Epoxide	1	10.65	10.61	10.67	11.74	
	2	10.73	10.72	10.78	23.52	66.8
Methoxychlor	1	12.63	12.60	12.66	489.8	
	2	13.20	13.18	13.24	15.55	187.7
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-19DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.89	10.86	10.92	154.2	
	2	11.21	11.18	11.24	160.4	3.9
Endrin	1	11.59	11.56	11.62	19.20	
	2	11.85	11.79	11.85	14.43	28.4
Endrin Aldehyde	1	12.37	12.31	12.37	19.50	
	2	12.48	12.44	12.50	9.185	71.9
Heptachlor Epoxide	1	10.52	10.47	10.53	15.95	
	2	10.60	10.59	10.65	25.52	46.2
Methoxychlor	1	12.49	12.45	12.51	345.7	
	2	13.06	13.04	13.10	16.21	182.1
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-20 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Aldrin	1	9.81	9.75	9.81	0.3584	
	2	9.92	9.92	9.98	1.156	105.3
4,4'-DDD	1	11.69	11.67	11.73	5.358	
	2	11.97	11.95	12.01	4.457	18.4
4,4'-DDE	1	10.96	10.93	10.99	21.45	
	2	11.27	11.25	11.31	22.68	5.6
4,4'-DDT	1	12.03	12.00	12.06	30.03	
	2	12.35	12.32	12.38	32.14	6.8
Delta-BHC	1	9.09	9.04	9.10	0.4420	
	2	9.45	9.40	9.46	0.3956	11.1
Endosulfan I	1	11.11	11.05	11.11	0.7046	
	2	11.17	11.15	11.21	0.4339	47.6
Endosulfan II	1	11.94	11.91	11.97	0.9904	
	2	12.14	12.12	12.18	1.749	55.4
Endosulfan Sulfate	1	12.94	12.94	13.00	1.154	
	2	12.90	12.84	12.90	3.337	97.2

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-20 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin	1	11.66	11.64	11.70	2.819	
	2	11.90	11.86	11.92	6.069	73.1
Endrin Aldehyde	1	12.44	12.41	12.47	5.240	
	2	12.55	12.52	12.58	0.8606	143.6
Heptachlor	1	9.35	9.34	9.40	0.3612	
	2	9.52	9.48	9.54	0.3197	12.2
Heptachlor Epoxide	1	10.59	10.55	10.61	1.294	
	2	10.67	10.66	10.72	0.9690	28.7
Methoxychlor	1	12.57	12.55	12.61	124.6	
	2	13.13	13.11	13.17	3.386	189.4
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-21 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.70	11.67	11.73	1.986	
	2	11.97	11.95	12.01	1.637	19.3
4,4'-DDE	1	10.96	10.93	10.99	5.878	
	2	11.27	11.25	11.31	5.814	1.1
4,4'-DDT	1	12.01	12.00	12.06	0.8626	
	2	12.35	12.32	12.38	6.947	155.8
Endrin	1	11.66	11.64	11.70	0.5895	
	2	11.90	11.86	11.92	1.719	97.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-22 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.70	11.67	11.73	2.702	
	2	11.98	11.95	12.01	2.462	9.3
4,4'-DDE	1	10.96	10.93	10.99	23.29	
	2	11.28	11.25	11.31	24.76	6.1
4,4'-DDT	1	12.03	12.00	12.06	21.73	
	2	12.35	12.32	12.38	22.77	4.7
Endrin	1	11.66	11.64	11.70	1.138	
	2	11.90	11.86	11.92	6.054	136.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-23 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.70	11.67	11.73	3.265	
	2	11.97	11.95	12.01	2.884	12.4
4,4'-DDE	1	10.96	10.93	10.99	202.8	
	2	11.28	11.25	11.31	212.7	4.8
4,4'-DDT	1	12.03	12.00	12.06	4.590	
	2	12.35	12.32	12.38	4.849	5.5
Dieldrin	1	11.38	11.35	11.41	0.8774	
	2	11.53	11.49	11.55	16.11	179.3
Methoxychlor	1	12.57	12.55	12.61	2.935	
	2	13.13	13.11	13.17	1.052	94.4
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-13-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-23DL Date(s) Analyzed: 12/04/06 12/04/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.89	10.86	10.92	167.4	
	2	11.21	11.17	11.23	190.5	12.9
4,4'-DDT	1	11.96	11.93	11.99	3.375	
	2	12.28	12.25	12.31	3.553	5.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-14
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-24 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.96	10.93	10.99	6.366	
	2	11.27	11.25	11.31	5.921	7.2
4,4'-DDT	1	12.03	12.00	12.06	3.896	
	2	12.35	12.32	12.38	4.719	19.1
Endosulfan II	1	11.94	11.91	11.97	2.034	
	2	12.12	12.12	12.18	0.6044	108.4
Endrin	1	11.65	11.64	11.70	1.044	
	2	11.90	11.86	11.92	2.028	64.1
Methoxychlor	1	12.57	12.55	12.61	6.710	
	2	13.14	13.11	13.17	1.529	125.8
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-15
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-25 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.96	10.93	10.99	1.709	
	2	11.27	11.25	11.31	1.487	13.9
4,4'-DDT	1	12.03	12.00	12.06	0.9459	
	2	12.35	12.32	12.38	1.013	6.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-16
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-26 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.69	11.67	11.73	0.7444	
	2	11.97	11.95	12.01	0.5011	39.1
4,4'-DDE	1	10.96	10.93	10.99	3.755	
	2	11.27	11.25	11.31	4.269	12.8
4,4'-DDT	1	12.03	12.00	12.06	4.269	
	2	12.35	12.32	12.38	4.043	5.4
Endrin	1	11.66	11.64	11.70	0.7120	
	2	11.90	11.86	11.92	0.5440	26.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-17
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-27 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.69	11.67	11.73	0.9800	
	2	11.98	11.95	12.01	0.5434	57.3
4,4'-DDE	1	10.96	10.93	10.99	44.56	
	2	11.27	11.25	11.31	47.56	6.5
4,4'-DDT	1	12.03	12.00	12.06	3.525	
	2	12.35	12.32	12.38	4.801	30.6
Endosulfan II	1	11.94	11.91	11.97	0.7048	
	2	12.15	12.12	12.18	0.6381	9.9
Endosulfan Sulfate	1	12.97	12.94	13.00	0.7385	
	2	12.90	12.84	12.90	1.810	84.1
Endrin	1	11.66	11.64	11.70	2.163	
	2	11.92	11.86	11.92	2.830	26.7
Endrin Aldehyde	1	12.44	12.41	12.47	2.542	
	2	12.55	12.52	12.58	1.931	27.3
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-18
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-28 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.96	10.93	10.99	2.159	
	2	11.27	11.25	11.31	1.810	17.6
4,4'-DDT	1	12.03	12.00	12.06	2.385	
	2	12.36	12.32	12.38	3.853	47.1
Endrin	1	11.66	11.64	11.70	2.452	
	2	11.92	11.86	11.92	2.654	7.9
Endrin Aldehyde	1	12.43	12.41	12.47	3.245	
	2	12.52	12.52	12.58	2.207	38.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-19
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-29 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.69	11.67	11.73	1.162	
	2	11.97	11.95	12.01	0.7905	38.0
4,4'-DDE	1	10.96	10.93	10.99	12.81	
	2	11.27	11.25	11.31	13.56	5.7
4,4'-DDT	1	12.03	12.00	12.06	9.390	
	2	12.35	12.32	12.38	9.933	5.6
Endrin	1	11.66	11.64	11.70	0.9916	
	2	11.90	11.86	11.92	1.638	49.2
Endrin Aldehyde	1	12.44	12.41	12.47	1.716	
	2	12.54	12.52	12.58	0.4016	124.1
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-20
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-30 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.69	11.67	11.73	1.640	
	2	11.98	11.95	12.01	0.9575	52.6
4,4'-DDE	1	10.96	10.93	10.99	24.43	
	2	11.27	11.25	11.31	26.58	8.4
4,4'-DDT	1	12.03	12.00	12.06	18.34	
	2	12.35	12.32	12.38	20.15	9.4
Endosulfan II	1	11.94	11.91	11.97	0.4316	
	2	12.15	12.12	12.18	0.4368	1.2
Endrin	1	11.66	11.64	11.70	0.9854	
	2	11.90	11.86	11.92	6.233	145.4
Endrin Aldehyde	1	12.44	12.41	12.47	1.839	
	2	12.55	12.52	12.58	0.7723	81.7
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-31 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.81	8.78	8.84	0.4376	
	2	9.01	8.99	9.05	0.2898	40.6
4,4'-DDD	1	11.70	11.67	11.73	15.10	
	2	11.97	11.95	12.01	15.20	0.7
4,4'-DDE	1	10.96	10.93	10.99	58.78	
	2	11.27	11.25	11.31	62.28	5.8
4,4'-DDT	1	12.03	12.00	12.06	12.90	
	2	12.35	12.32	12.38	14.31	10.4
Endosulfan I	1	11.08	11.05	11.11	0.3249	
	2	11.19	11.15	11.21	0.3056	6.1
Endosulfan II	1	11.94	11.91	11.97	1.793	
	2	12.14	12.12	12.18	0.4194	124.2
Endrin	1	11.66	11.64	11.70	0.6578	
	2	11.90	11.86	11.92	3.700	139.6
Endrin Aldehyde	1	12.44	12.41	12.47	1.543	
	2	12.55	12.52	12.58	1.455	5.9

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-21
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-31 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.57	12.55	12.61	23.06	
	2	13.13	13.11	13.17	1.548	174.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SS-22
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-32 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	11.70	11.67	11.73	0.6572	
	2	11.97	11.95	12.01	0.8670	27.5
4,4'-DDE	1	10.96	10.93	10.99	2.028	
	2	11.27	11.25	11.31	1.665	19.6
4,4'-DDT	1	12.03	12.00	12.06	3.425	
	2	12.35	12.32	12.38	3.502	2.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5FD11060602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-39 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.19	8.17	8.23	3.044	
	2	8.39	8.34	8.40	1.909	45.8
Beta-BHC	1	8.82	8.78	8.84	12.52	
	2	9.04	8.99	9.05	3.629	110.1
Gamma-BHC	1	8.70	8.65	8.71	3.194	
	2	8.90	8.87	8.93	2.327	31.4
Methoxychlor	1	12.57	12.55	12.61	1.400	
	2	13.13	13.11	13.17	3.312	81.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-34 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.82	8.78	8.84	8.445	
	2	9.04	8.99	9.05	7.724	8.9
4,4'-DDD	1	11.70	11.67	11.73	6.687	
	2	11.97	11.95	12.01	5.796	14.3
4,4'-DDE	1	10.96	10.93	10.99	6.921	
	2	11.27	11.25	11.31	5.548	22.0
4,4'-DDT	1	12.03	12.00	12.06	4.969	
	2	12.35	12.32	12.38	5.500	10.1
Delta-BHC	1	9.07	9.04	9.10	3.856	
	2	9.42	9.40	9.46	2.662	36.6
Endosulfan Sulfate	1	12.97	12.94	13.00	3.612	
	2	12.87	12.84	12.90	3.792	4.9
Endrin	1	11.68	11.64	11.70	2.530	
	2	11.89	11.86	11.92	2.739	7.9
Heptachlor Epoxide	1	10.58	10.55	10.61	3.040	
	2	10.68	10.66	10.72	2.979	2.0

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-34 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.57	12.55	12.61	4.394	
	2	13.14	13.11	13.17	3.098	34.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-35 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.80	8.78	8.84	2.418	
	2	9.04	8.99	9.05	17.76	152.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-36 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.96	10.93	10.99	3.005	
	2	11.27	11.25	11.31	2.602	14.4
Delta-BHC	1	9.09	9.04	9.10	0.9156	
	2	9.42	9.40	9.46	0.7362	21.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST01 SAS No.: NA SDG No.: KEYWEST01

Lab Sample ID: 0611056-37 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	10.96	10.93	10.99	1.351	
	2	11.27	11.25	11.31	0.8556	44.9
4,4'-DDT	1	12.03	12.00	12.06	1.270	
	2	12.35	12.32	12.38	1.026	21.2
Delta-BHC	1	9.06	9.04	9.10	0.6822	
	2	9.42	9.40	9.46	0.6320	7.6
Gamma-BHC	1	8.70	8.65	8.71	0.9342	
	2	8.91	8.87	8.93	0.5110	58.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 16, 2007**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SVOC/PEST**
CTO 044, NAS KEY WEST
SDG KEY WEST 02

SAMPLES: 16/Aqueous

S1FB11040601	S1FD11040601	S1-SW-01-00-1106	S1-SW-03-00-1106
S1-SW-04-00-1106	S1-SW-05-00-1106	S1-SW-06-00-1106	S1-SW-07-00-1106
S1-SW-08-00-1106	S1-SW-09-00-1106	S5FD11060601	S5-SW-01-00-1106
S5-SW-02-00-1106	S5-SW-03-00-1106	S5-SW-04-00-1106	S5-SW-05-00-1106

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG Key West 02 consists of one (1) field blank and fifteen (15) aqueous environmental samples. The samples were analyzed for semivolatile organic compounds (SVOC) and pesticides (PEST). Two field duplicates were associated with this SDG: S1-SW-09-00-1106 / S1FD11040601 and S5-SW-02-00-1106 / S5FD11060601.

The samples were collected by TetraTech NUS on November 3, 4, and 6, 2006 and analyzed by Empirical Laboratories, LLC. All analyses were conducted in accordance with SW-846 Method 8270C and 8081A analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
• Laboratory method blank results
• Field duplicate precision
* • Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Semivolatiles

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide on instrument BNA1. The non-detected results for 4-nitroquinoline-1-oxide in all samples have been rejected (UR).

Continuing calibration had RRFs less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide and hexachlorophene on instrument BNA1 on 11/15/06 @11:57. The non-detected results for 4-nitroquinoline-1-oxide and hexachlorophene in the associated samples have been rejected (UR).

Continuing calibration had a RRF less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide on instrument BNA1 on 11/16/06 @02:10. The non-detected results for 4-nitroquinoline-1-oxide in the associated samples have been rejected (UR).

Pesticides

The following compounds were detected in the method blank:

Compound	Maximum Concentration	Blank Action Level
Heptachlor	0.0098 ug/L	0.049 µg/L
Heptachlor epoxide	0.014 ug/L	0.07 ug/L

An action level of 5X the maximum concentration was used to establish blank action levels.
Sample aliquot and dilution factors were taken into consideration when applying the blank action levels. Positive results for heptachlor and heptachlor epoxide below the blank action level were qualified as non-detected, (U).

A calibration verification associated with the samples analyzed on 11/22/06 @07:40 had a %D that exceeded 30% for endrin on the primary column and exceeded 15% on the secondary column. No action was taken on this basis because all associated samples had non-detected results for endrin.

The field duplicate pair S5-SW-02-00-1106 and S5FD11060601 exceeded the 30% relative percent difference (RPD) quality control limit for heptachlor and heptachlor epoxide. The positive and non-detected results for heptachlor and heptachlor epoxide, in the field duplicate pair, were qualified as estimated (J) and (UJ), respectively.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated (J), due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several SVOA compounds had percent RRF non-compliances. Two pesticides were detected in the method blank.

Other Factors Affecting Data Quality: Qualifications were made based on field duplicate imprecision noted for the pesticide fraction.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999), and Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS
Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1FB11040601
samp_date	11/4/2006
lab_id	0611057-09
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.2	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1FB11040601
samp_date	11/4/2006
lab_id	0611057-09
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1FB11040601
samp_date	11/4/2006
lab_id	0611057-09
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1FB11040601
samp_date	11/4/2006
lab_id	0611057-09
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S1FD11040601
samp_date	11/4/2006
lab_id	0611057-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S1-SW-09-00-1106

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.2	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1FD11040601
samp_date	11/4/2006
lab_id	0611057-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S1-SW-09-00-1106

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1FD11040601
samp_date	11/4/2006
lab_id	0611057-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S1-SW-09-00-1106

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S1FD11040601
samp_date	11/4/2006
lab_id	0611057-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S1-SW-09-00-1106

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S1-SW-01-00-1106
samp_date	11/3/2006
lab_id	0611057-01
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	44	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-01-00-1106
samp_date	11/3/2006
lab_id	0611057-01
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-01-00-1106
samp_date	11/3/2006
lab_id	0611057-01
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S1-SW-01-00-1106
samp_date	11/3/2006
lab_id	0611057-01
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S1-SW-03-00-1106	nsample	S1-SW-03-00-1106	nsample	S1-SW-03-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611057-02	lab_id	0611057-02	lab_id	0611057-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	UR	C
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

nsample	S1-SW-03-00-1106
samp_date	11/3/2006
lab_id	0611057-02
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

nsample	S1-SW-04-00-1106
samp_date	11/3/2006
lab_id	0611057-03
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1-SW-04-00-1106
samp_date	11/3/2006
lab_id	0611057-03
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-04-00-1106	nsample	S1-SW-04-00-1106	nsample	S1-SW-05-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611057-03	lab_id	0611057-03	lab_id	0611057-04
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.5	U	U	
1,2,4-TRICHLOROBENZENE	1.2	U	U	
1,2-DICHLOROBENZENE	1.2	U	U	
1,3,5-TRINITROBENZENE	3.5	U	U	
1,3-DICHLOROBENZENE	1.2	U	U	
1,3-DINITROBENZENE	3.5	U	U	
1,4-DICHLOROBENZENE	1.2	U	U	
1,4-NAPHTHOQUINONE	1.2	U	U	
1,4-PHENYLENEDIAMINE	1.2	U	U	
1-NAPHTHYLAMINE	1.2	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1.2	U	U	
2,3,4,6-TETRACHLOROPHENOL	1.2	U	U	
2,4,5-TRICHLOROPHENOL	1.2	U	U	
2,4,6-TRICHLOROPHENOL	1.2	U	U	
2,4-DICHLOROPHENOL	1.2	U	U	
2,4-DIMETHYLPHENOL	1.2	U	U	
2,4-DINITROPHENOL	12	U	U	
2,4-DINITROTOLUENE	1.2	U	U	
2,6-DICHLOROPHENOL	1.2	U	U	
2,6-DINITROTOLUENE	1.2	U	U	
2-ACETYLAMINOFLUORENE	2.4	U	U	
2-CHLORONAPHTHALENE	1.2	U	U	
2-CHLOROPHENOL	1.2	U	U	
2-METHYLNAPHTHALENE	1.2	U	U	
2-METHYLPHENOL	1.2	U	U	
2-NAPHTHYLAMINE	1.2	U	U	
2-NITROANILINE	1.2	U	U	
2-NITROPHENOL	1.2	U	U	
2-PICOLINE	8.2	U	U	
3,3'-DICHLOROBENZIDINE	1.2	U	U	
3,3'-DIMETHYLBENZIDINE	49	U	U	
3-METHYLCHOLANTHRENE	1.2	U	U	

nsample	S1-SW-05-00-1106	nsample	S1-SW-05-00-1106	nsample	S1-SW-05-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611057-04	lab_id	0611057-04	lab_id	0611057-04
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1.2	U	U	
3-NITROANILINE	1.2	U	U	
4,6-DINITRO-2-METHYLPHENOL	1.2	U	U	
4-AMINOBIPHENYL	2.4	U	U	
4-BROMOPHENYL PHENYL ETHER	1.2	U	U	
4-CHLORO-3-METHYLPHENOL	1.2	U	U	
4-CHLOROANILINE	1.2	U	U	
4-CHLOROPHENYL PHENYL ETHER	1.2	U	U	
4-METHYLPHENOL	1.2	U	U	
4-NITROANILINE	1.2	U	U	
4-NITROPHENOL	5.9	U	U	
4-NITROQUINOLINE-1-OXIDE	1.2	U	UR	C
5-NITRO-O-TOLUIDINE	2.4	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1.2	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1.2	U	U	
ACENAPHTHENE	1.2	U	U	
ACENAPHTHYLENE	1.2	U	U	
ACETOPHENONE	1.2	U	U	
ANILINE	1.2	U	U	
ANTHRACENE	1.2	U	U	
ARAMITE	1.2	U	U	
BENZO(A)ANTHRACENE	1.2	U	U	
BENZO(A)PYRENE	1.2	U	U	
BENZO(B)FLUORANTHENE	1.2	U	U	
BENZO(G,H,I)PERYLENE	1.2	U	U	
BENZO(K)FLUORANTHENE	1.2	U	U	
BENZOIC ACID	1.2	U	U	
BENZYL ALCOHOL	1.2	U	U	
BIS(2-CHLOROETHOXY)METHANE	1.2	U	U	
BIS(2-CHLOROETHYL)ETHER	1.2	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.2	U	U	
BUTYL BENZYL PHTHALATE	1.2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1.2	U	U	
CHRYSENE	1.2	U	U	
DIALLATE	1.2	U	U	
DIBENZO(A,H)ANTHRACENE	1.2	U	U	
DIBENZOFURAN	1.2	U	U	
DIETHYL PHTHALATE	1.2	U	U	
DIMETHOATE	4.7	U	U	
DIMETHYL PHTHALATE	1.2	U	U	
DI-N-BUTYL PHTHALATE	1.2	U	U	
DI-N-OCTYL PHTHALATE	1.2	U	U	
DINOSEB	1.2	U	U	
DIPHENYLAMINE	1.2	U	U	
DISULFOTON	3.5	U	U	
ETHYL METHANE SULFONATE	1.2	U	U	
ETHYL PARATHION	3.5	U	U	
FAMPHUR	2.4	U	U	
FLUORANTHENE	1.2	U	U	
FLUORENE	1.2	U	U	
HEXACHLOROBENZENE	1.2	U	U	
HEXACHLOROBUTADIENE	1.2	U	U	
HEXACHLOROCYCLOPENTADIENE	1.2	U	U	
HEXACHLOROETHANE	1.2	U	U	
HEXACHLOROPHENE	29	U	UR	C
HEXACHLOROPROPENE	4.7	U	U	
INDENO(1,2,3-CD)PYRENE	1.2	U	U	
ISODRIN	2.4	U	U	
ISOPHORONE	1.2	U	U	
ISOSAFROLE	1.2	U	U	
KEPONE	1.2	U	U	
METHAPYRILENE	1.2	U	U	
METHYL METHANE SULFONATE	1.2	U	U	
METHYL PARATHION	3.5	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1.2	U	U	
NITROBENZENE	1.2	U	U	
N-NITROSODIETHYLAMINE	1.2	U	U	
N-NITROSODIMETHYLAMINE	1.2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1.2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.94	U	U	
N-NITROSODIPHENYLAMINE	1.2	U	U	
N-NITROSOMETHYLETHYLAMINE	4.7	U	U	
N-NITROSOMORPHOLINE	1.2	U	U	
N-NITROSOPIPERIDINE	1.2	U	U	
N-NITROSOPYRROLIDINE	1.2	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.5	U	U	
O-TOLUIDINE	4.7	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1.2	U	U	
PENTACHLOROBENZENE	4.7	U	U	
PENTACHLOROETHANE	4.7	U	U	
PENTACHLORONITROBENZENE	4.7	U	U	
PENTACHLOROPHENOL	1.2	U	U	
PHENACETIN	1.2	U	U	
PHENANTHRENE	1.2	U	U	
PHENOL	1.2	U	U	
PHORATE	4.7	U	U	
PRONAMIDE	1.2	U	U	
PYRENE	1.2	U	U	
PYRIDINE	1.2	U	U	
SAFROLE	1.2	U	U	
SULFOTEPP	4.7	U	U	
THIONAZIN	4.7	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-06-00-1106	nsample	S1-SW-06-00-1106	nsample	S1-SW-06-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-05	lab_id	0611057-05	lab_id	0611057-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S1-SW-06-00-1106	nsample	S1-SW-07-00-1106	nsample	S1-SW-07-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-05	lab_id	0611057-06	lab_id	0611057-06
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.3	U	U	
1,2,4-TRICHLOROBENZENE	1.1	U	U	
1,2-DICHLOROBENZENE	1.1	U	U	
1,3,5-TRINITROBENZENE	3.3	U	U	
1,3-DICHLOROBENZENE	1.1	U	U	
1,3-DINITROBENZENE	3.3	U	U	
1,4-DICHLOROBENZENE	1.1	U	U	
1,4-NAPHTHOQUINONE	1.1	U	U	
1,4-PHENYLENEDIAMINE	1.1	U	U	
1-NAPHTHYLAMINE	1.1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1.1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1.1	U	U	
2,4,5-TRICHLOROPHENOL	1.1	U	U	
2,4,6-TRICHLOROPHENOL	1.1	U	U	
2,4-DICHLOROPHENOL	1.1	U	U	
2,4-DIMETHYLPHENOL	1.1	U	U	
2,4-DINITROPHENOL	11	U	U	
2,4-DINITROTOLUENE	1.1	U	U	
2,6-DICHLOROPHENOL	1.1	U	U	
2,6-DINITROTOLUENE	1.1	U	U	
2-ACETYLAMINOFLUORENE	2.2	U	U	
2-CHLORONAPHTHALENE	1.1	U	U	
2-CHLOROPHENOL	1.1	U	U	
2-METHYLNAPHTHALENE	1.1	U	U	
2-METHYLPHENOL	1.1	U	U	
2-NAPHTHYLAMINE	1.1	U	U	
2-NITROANILINE	1.1	U	U	
2-NITROPHENOL	1.1	U	U	
2-PICOLINE	7.8	U	U	
3,3'-DICHLOROBENZIDINE	1.1	U	U	
3,3'-DIMETHYLBENZIDINE	47	U	U	
3-METHYLCHOLANTHRENE	1.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1.1	U	U	
3-NITROANILINE	1.1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1.1	U	U	
4-AMINOBIPHENYL	2.2	U	U	
4-BROMOPHENYL PHENYL ETHER	1.1	U	U	
4-CHLORO-3-METHYLPHENOL	1.1	U	U	
4-CHLOROANILINE	1.1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1.1	U	U	
4-METHYLPHENOL	1.1	U	U	
4-NITROANILINE	1.1	U	U	
4-NITROPHENOL	5.6	U	U	
4-NITROQUINOLINE-1-OXIDE	1.1	U	UR	C
5-NITRO-O-TOLUIDINE	2.2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1.1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1.1	U	U	
ACENAPHTHENE	1.1	U	U	
ACENAPHTHYLENE	1.1	U	U	
ACETOPHENONE	1.1	U	U	
ANILINE	1.1	U	U	
ANTHRACENE	1.1	U	U	
ARAMITE	1.1	U	U	
BENZO(A)ANTHRACENE	1.1	U	U	
BENZO(A)PYRENE	1.1	U	U	
BENZO(B)FLUORANTHENE	1.1	U	U	
BENZO(G,H,I)PERYLENE	1.1	U	U	
BENZO(K)FLUORANTHENE	1.1	U	U	
BENZOIC ACID	1.1	U	U	
BENZYL ALCOHOL	1.1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1.1	U	U	
BIS(2-CHLOROETHYL)ETHER	1.1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	U	
BUTYL BENZYL PHTHALATE	1.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-07-00-1106	nsample	S1-SW-07-00-1106	nsample	S1-SW-08-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-06	lab_id	0611057-06	lab_id	0611057-07
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1.1	U	U	
CHRYSENE	1.1	U	U	
DIALLATE	1.1	U	U	
DIBENZO(A,H)ANTHRACENE	1.1	U	U	
DIBENZOFURAN	1.1	U	U	
DIETHYL PHTHALATE	1.1	U	U	
DIMETHOATE	4.4	U	U	
DIMETHYL PHTHALATE	1.1	U	U	
DI-N-BUTYL PHTHALATE	1.1	U	U	
DI-N-OCTYL PHTHALATE	1.1	U	U	
DINOSEB	1.1	U	U	
DIPHENYLAMINE	1.1	U	U	
DISULFOTON	3.3	U	U	
ETHYL METHANE SULFONATE	1.1	U	U	
ETHYL PARATHION	3.3	U	U	
FAMPHUR	2.2	U	U	
FLUORANTHENE	1.1	U	U	
FLUORENE	1.1	U	U	
HEXACHLOROBENZENE	1.1	U	U	
HEXACHLOROBUTADIENE	1.1	U	U	
HEXACHLOROCYCLOPENTADIENE	1.1	U	U	
HEXACHLOROETHANE	1.1	U	U	
HEXACHLOROPHENE	28	U	UR	C
HEXACHLOROPROPENE	4.4	U	U	
INDENO(1,2,3-CD)PYRENE	1.1	U	U	
ISODRIN	2.2	U	U	
ISOPHORONE	1.1	U	U	
ISOSAFROLE	1.1	U	U	
KEPONE	1.1	U	U	
METHAPYRILENE	1.1	U	U	
METHYL METHANE SULFONATE	1.1	U	U	
METHYL PARATHION	3.3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1.1	U	U	
NITROBENZENE	1.1	U	U	
N-NITROSODIETHYLAMINE	1.1	U	U	
N-NITROSODIMETHYLAMINE	1.1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1.1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.89	U	U	
N-NITROSODIPHENYLAMINE	1.1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.4	U	U	
N-NITROSOMORPHOLINE	1.1	U	U	
N-NITROSOPIPERIDINE	1.1	U	U	
N-NITROSOPYRROLIDINE	1.1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.3	U	U	
O-TOLUIDINE	4.4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1.1	U	U	
PENTACHLOROBENZENE	4.4	U	U	
PENTACHLOROETHANE	4.4	U	U	
PENTACHLORONITROBENZENE	4.4	U	U	
PENTACHLOROPHENOL	1.1	U	U	
PHENACETIN	1.1	U	U	
PHENANTHRENE	1.1	U	U	
PHENOL	1.1	U	U	
PHORATE	4.4	U	U	
PRONAMIDE	1.1	U	U	
PYRENE	1.1	U	U	
PYRIDINE	1.1	U	U	
SAFROLE	1.1	U	U	
SULFOTEPP	4.4	U	U	
THIONAZIN	4.4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.2	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-08-00-1106	nsample	S1-SW-08-00-1106	nsample	S1-SW-08-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-07	lab_id	0611057-07	lab_id	0611057-07
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-09-00-1106	nsample	S1-SW-09-00-1106	nsample	S1-SW-09-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-08	lab_id	0611057-08	lab_id	0611057-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S1-SW-09-00-1106	nsample	S5FD11060601	nsample	S5FD11060601
samp_date	11/4/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611057-08	lab_id	0611057-16	lab_id	0611057-16
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	S5-SW-02-00-1106	DUP_OF:	S5-SW-02-00-1106

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5FD11060601	nsample	S5FD11060601	nsample	S5-SW-01-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611057-16	lab_id	0611057-16	lab_id	0611057-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	S5-SW-02-00-1106	DUP_OF:	S5-SW-02-00-1106	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	U	
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.2	U	U	
1,2,4-TRICHLOROBENZENE	1.1	U	U	
1,2-DICHLOROBENZENE	1.1	U	U	
1,3,5-TRINITROBENZENE	3.2	U	U	
1,3-DICHLOROBENZENE	1.1	U	U	
1,3-DINITROBENZENE	3.2	U	U	
1,4-DICHLOROBENZENE	1.1	U	U	
1,4-NAPHTHOQUINONE	1.1	U	U	
1,4-PHENYLENEDIAMINE	1.1	U	U	
1-NAPHTHYLAMINE	1.1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1.1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1.1	U	U	
2,4,5-TRICHLOROPHENOL	1.1	U	U	
2,4,6-TRICHLOROPHENOL	1.1	U	U	
2,4-DICHLOROPHENOL	1.1	U	U	
2,4-DIMETHYLPHENOL	1.1	U	U	
2,4-DINITROPHENOL	11	U	U	
2,4-DINITROTOLUENE	1.1	U	U	
2,6-DICHLOROPHENOL	1.1	U	U	
2,6-DINITROTOLUENE	1.1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1.1	U	U	
2-CHLOROPHENOL	1.1	U	U	
2-METHYLNAPHTHALENE	1.1	U	U	
2-METHYLPHENOL	1.1	U	U	
2-NAPHTHYLAMINE	1.1	U	U	
2-NITROANILINE	1.1	U	U	
2-NITROPHENOL	1.1	U	U	
2-PICOLINE	7.4	U	U	
3,3'-DICHLOROBENZIDINE	1.1	U	U	
3,3'-DIMETHYLBENZIDINE	45	U	U	
3-METHYLCHOLANTHRENE	1.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-01-00-1106
samp_date	11/6/2006
lab_id	0611057-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1.1	U	U	
3-NITROANILINE	1.1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1.1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1.1	U	U	
4-CHLORO-3-METHYLPHENOL	1.1	U	U	
4-CHLOROANILINE	1.1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1.1	U	U	
4-METHYLPHENOL	1.1	U	U	
4-NITROANILINE	1.1	U	U	
4-NITROPHENOL	5.3	U	U	
4-NITROQUINOLINE-1-OXIDE	1.1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1.1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1.1	U	U	
ACENAPHTHENE	1.1	U	U	
ACENAPHTHYLENE	1.1	U	U	
ACETOPHENONE	1.1	U	U	
ANILINE	1.1	U	U	
ANTHRACENE	1.1	U	U	
ARAMITE	1.1	U	U	
BENZO(A)ANTHRACENE	1.1	U	U	
BENZO(A)PYRENE	1.1	U	U	
BENZO(B)FLUORANTHENE	1.1	U	U	
BENZO(G,H,I)PERYLENE	1.1	U	U	
BENZO(K)FLUORANTHENE	1.1	U	U	
BENZOIC ACID	1.1	U	U	
BENZYL ALCOHOL	1.1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1.1	U	U	
BIS(2-CHLOROETHYL)ETHER	1.1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	U	
BUTYL BENZYL PHTHALATE	1.1	U	U	

nsample	S5-SW-01-00-1106
samp_date	11/6/2006
lab_id	0611057-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1.1	U	U	
CHRYSENE	1.1	U	U	
DIALLATE	1.1	U	U	
DIBENZO(A,H)ANTHRACENE	1.1	U	U	
DIBENZOFURAN	1.1	U	U	
DIETHYL PHTHALATE	1.1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1.1	U	U	
DI-N-BUTYL PHTHALATE	1.1	U	U	
DI-N-OCTYL PHTHALATE	1.1	U	U	
DINOSEB	1.1	U	U	
DIPHENYLAMINE	1.1	U	U	
DISULFOTON	3.2	U	U	
ETHYL METHANE SULFONATE	1.1	U	U	
ETHYL PARATHION	3.2	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1.1	U	U	
FLUORENE	1.1	U	U	
HEXACHLOROBENZENE	1.1	U	U	
HEXACHLOROBUTADIENE	1.1	U	U	
HEXACHLOROCYCLOPENTADIENE	1.1	U	U	
HEXACHLOROETHANE	1.1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1.1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1.1	U	U	
ISOSAFROLE	1.1	U	U	
KEPONE	1.1	U	U	
METHAPYRILENE	1.1	U	U	
METHYL METHANE SULFONATE	1.1	U	U	
METHYL PARATHION	3.2	U	U	

nsample	S5-SW-01-00-1106
samp_date	11/6/2006
lab_id	0611057-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1.1	U	U	
NITROBENZENE	1.1	U	U	
N-NITROSODIETHYLAMINE	1.1	U	U	
N-NITROSODIMETHYLAMINE	1.1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1.1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.85	U	U	
N-NITROSODIPHENYLAMINE	1.1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1.1	U	U	
N-NITROSOPIPERIDINE	1.1	U	U	
N-NITROSOPYRROLIDINE	1.1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.2	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1.1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1.1	U	U	
PHENACETIN	1.1	U	U	
PHENANTHRENE	1.1	U	U	
PHENOL	1.1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1.1	U	U	
PYRENE	1.1	U	U	
PYRIDINE	1.1	U	U	
SAFROLE	1.1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	U	
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-05-00-1106	nsample	S5-SW-05-00-1106	nsample	S5-SW-05-00-1106
samp_date	11/6/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611057-15	lab_id	0611057-15	lab_id	0611057-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.2	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-05-00-1106
samp_date	11/6/2006
lab_id	0611057-15
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1FB11040601	nsample	S1FD11040601	nsample	S1-SW-01-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/3/2006
lab_id	0611057-09	lab_id	0611057-10	lab_id	0611057-01
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	S1-SW-09-00-1106	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0052	U	U	
4,4'-DDE	0.0052	U	U	
4,4'-DDT	0.0052	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0052	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0052	U	U	
ENDOSULFAN SULFATE	0.0052	U	U	
ENDRIN	0.0052	U	U	
ENDRIN ALDEHYDE	0.0052	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0052	U	U	
4,4'-DDE	0.0052	U	U	
4,4'-DDT	0.0052	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0052	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0052	U	U	
ENDOSULFAN SULFATE	0.0052	U	U	
ENDRIN	0.0052	U	U	
ENDRIN ALDEHYDE	0.0052	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.011	I		
4,4'-DDE	0.018	I		
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.28			
BETA-BHC	0.018			
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.009	I		
HEPTACHLOR	0.014	JN	U	A
HEPTACHLOR EPOXIDE	0.014	JN	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1-SW-03-00-1106	nsample	S1-SW-04-00-1106	nsample	S1-SW-05-00-1106
samp_date	11/3/2006	samp_date	11/3/2006	samp_date	11/3/2006
lab_id	0611057-02	lab_id	0611057-03	lab_id	0611057-04
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.011			
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.012	V	U	A
HEPTACHLOR EPOXIDE	0.011	JN	U	A
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.011	V	U	A
HEPTACHLOR EPOXIDE	0.016	JN	U	A
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.017	JN		
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0084	IJ		
HEPTACHLOR	0.02	V	U	A
HEPTACHLOR EPOXIDE	0.025	JN	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1-SW-06-00-1106	nsample	S1-SW-07-00-1106	nsample	S1-SW-08-00-1106
samp_date	11/4/2006	samp_date	11/4/2006	samp_date	11/4/2006
lab_id	0611057-05	lab_id	0611057-06	lab_id	0611057-07
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0053	I		
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.01	V	U	A
HEPTACHLOR EPOXIDE	0.013	JN	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.005	I		
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1-SW-09-00-1106	nsample	S5FD11060601	nsample	S5-SW-01-00-1106
samp_date	11/4/2006	samp_date	11/6/2006	samp_date	11/6/2006
lab_id	0611057-08	lab_id	0611057-16	lab_id	0611057-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	S5-SW-02-00-1106	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0054	U	U	
4,4'-DDE	0.0054	U	U	
4,4'-DDT	0.0054	U	U	
ALDRIN	0.0036	U	U	
ALPHA-BHC	0.0036	U	U	
BETA-BHC	0.0036	U	U	
DELTA-BHC	0.0036	U	U	
DIELDRIN	0.0054	U	U	
ENDOSULFAN I	0.0036	U	U	
ENDOSULFAN II	0.0054	U	U	
ENDOSULFAN SULFATE	0.0054	U	U	
ENDRIN	0.0054	U	U	
ENDRIN ALDEHYDE	0.0054	U	U	
GAMMA-BHC (LINDANE)	0.0036	U	U	
HEPTACHLOR	0.0036	U	U	
HEPTACHLOR EPOXIDE	0.0036	U	U	
METHOXYCHLOR	0.0036	U	U	
TOXAPHENE	0.36	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.011	JN		
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.016	JN		
HEPTACHLOR	0.089	V	J	G
HEPTACHLOR EPOXIDE	0.081	JN	J	G
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.0035	U	U	
HEPTACHLOR EPOXIDE	0.0035	U	U	
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	UJ	G
HEPTACHLOR EPOXIDE	0.0034	U	UJ	G
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.0035	U	U	
HEPTACHLOR EPOXIDE	0.0035	U	U	
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S5-SW-05-00-1106
samp_date	11/6/2006
lab_id	0611057-15
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FB11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-09

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105709

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 13:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 23:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FB11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-09

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105709

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 13:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 23:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.1	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FB11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-09

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105709

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 13:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 23:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FB11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-09

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105709

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 13:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 23:14

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.1	5.2		U
76-01-7	Pentachloroethane	4.1	5.2		U
82-68-8	Pentachloronitrobenzene	4.1	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.1	5.2		U
109-06-8	2-Picoline	7.2	7.2		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.1	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.1	5.2		U
95-53-4	o-Toluidine	4.1	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-10

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105710

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 02:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-10

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105710

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 02:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.1	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-10

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105710

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 02:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	1.0	5.2		U
106-44-5	4-Methylphenol	3.1	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	5.2		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	21		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	1.0	5.2		U
56-57-5	4-Nitroquinoline-1-oxide	5.2	21		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	1.0	5.2		U
10595-95-6	N-Nitrosomethylethylamine	0.82	5.2		U
59-89-2	N-Nitrosomorpholine	4.1	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	1.0	5.2		U
		2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-10

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105710

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 02:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.1	5.2		U
76-01-7	Pentachloroethane	4.1	5.2		U
82-68-8	Pentachloronitrobenzene	4.1	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.1	5.2		U
109-06-8	2-Picoline	7.2	7.2		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.1	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.1	5.2		U
95-53-4	o-Toluidine	4.1	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-01

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1105701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 13:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 18:30

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-01

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1105701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 13:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 18:30

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-01

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1105701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 13:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 18:30

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-01

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1105701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 13:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 18:30

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105702

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:06

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105702

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:06

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105702

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:06

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105702

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:06

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-03

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105703

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:41

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-03

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105703

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:41

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-03

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105703

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:41

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-03

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105703

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 19:41

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-04

Sample wt/vol: 850.0 (g/mL) ML Lab File ID: 1105704

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.2	5.9		U
208-96-8	Acenaphthylene	1.2	5.9		U
98-86-2	Acetophenone	1.2	5.9		U
53-96-3	2-Acetylaminofluorene	2.4	5.9		U
92-67-1	4-Aminobiphenyl	2.4	5.9		U
62-53-3	Aniline	1.2	5.9		U
140-57-8	Aramite	1.2	5.9		U
120-12-7	Anthracene	1.2	5.9		U
65-85-0	Benzoic acid	1.2	24		U
56-55-3	Benzo(a)anthracene	1.2	5.9		U
205-99-2	Benzo(b)fluoranthene	1.2	5.9		U
207-08-9	Benzo(k)fluoranthene	1.2	5.9		U
191-24-2	Benzo(g,h,i)perylene	1.2	5.9		U
50-32-8	Benzo(a)pyrene	1.2	5.9		U
100-51-6	Benzyl alcohol	1.2	5.9		U
111-91-1	bis(2-Chloroethoxy)methane	1.2	5.9		U
111-44-4	bis(2-Chloroethyl)ether	1.2	5.9		U
108-60-1	bis(2-Chloroisopropyl)ether	1.2	5.9		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.2	5.9		U
101-55-3	4-Bromophenyl-phenylether	1.2	5.9		U
85-68-7	Butylbenzylphthalate	1.2	5.9		U
106-47-8	4-Chloroaniline	1.2	5.9		U
510-15-6	Chlorobenzilate	1.2	5.9		U
59-50-7	4-Chloro-3-methylphenol	1.2	5.9		U
91-58-7	2-Chloronaphthalene	1.2	5.9		U
95-57-8	2-Chlorophenol	1.2	5.9		U
7005-72-3	4-Chlorophenyl-phenylether	1.2	5.9		U
218-01-9	Chrysene	1.2	5.9		U
2303-16-4	Diallate	1.2	5.9		U
53-70-3	Dibenz(a,h)anthracene	1.2	5.9		U
132-64-9	Dibenzofuran	1.2	5.9		U
91-94-1	3,3'-Dichlorobenzidine	1.2	5.9		U
106-46-7	1,4-Dichlorobenzene	1.2	5.9		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-04

Sample wt/vol: 850.0 (g/mL) ML Lab File ID: 1105704

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.2	5.9		U
541-73-1	1,3-Dichlorobenzene	1.2	5.9		U
120-83-2	2,4-Dichlorophenol	1.2	5.9		U
87-65-0	2,6-Dichlorophenol	1.2	5.9		U
84-66-2	Diethylphthalate	1.2	5.9		U
60-51-5	Dimethoate	4.7	5.9		U
60-11-7	p-(Dimethylamino)azobenzene	1.2	5.9		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.2	5.9		U
119-93-7	3,3'-Dimethylbenzidine	49	49		U
122-09-8	a,a-Dimethyl-phenethylamine	1.2	5.9		U
105-67-9	2,4-Dimethylphenol	1.2	24		U
131-11-3	Dimethylphthalate	1.2	5.9		U
84-74-2	Di-n-butylphthalate	1.2	5.9		U
99-65-0	m-Dinitrobenzene	3.5	5.9		U
534-52-1	4,6-Dinitro-2-methylphenol	1.2	24		U
51-28-5	2,4-Dinitrophenol	12	59		U
121-14-2	2,4-Dinitrotoluene	1.2	5.9		U
606-20-2	2,6-Dinitrotoluene	1.2	5.9		U
88-85-7	Dinoseb	1.2	5.9		U
117-84-0	Di-n-octylphthalate	1.2	5.9		U
122-39-4	Diphenylamine	1.2	5.9		U
298-04-4	Disulfoton	3.5	5.9		U
62-50-0	Ethyl methanesulfonate	1.2	5.9		U
52-85-7	Famphur	2.4	5.9		U
206-44-0	Fluoranthene	1.2	5.9		U
86-73-7	Fluorene	1.2	5.9		U
118-74-1	Hexachlorobenzene	1.2	5.9		U
87-68-3	Hexachlorobutadiene	1.2	5.9		U
77-47-4	Hexachlorocyclopentadiene	1.2	5.9		U
67-72-1	Hexachloroethane	1.2	5.9		U
70-30-4	Hexachlorophene	29	120		U
1888-71-7	Hexachloropropene	4.7	5.9		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	5.9		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-04

Sample wt/vol: 850.0 (g/mL) ML Lab File ID: 1105704

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.4	5.9		U
78-59-1	Isophorone	1.2	5.9		U
120-58-1	Isosafrole	1.2	5.9		U
143-50-0	Kepone	1.2	5.9		U
91-80-5	Methapyrilene	1.2	5.9		U
56-49-5	3-Methylcholanthrene	1.2	5.9		U
66-27-3	Methyl methanesulfonate	1.2	5.9		U
91-57-6	2-Methylnaphthalene	1.2	5.9		U
298-00-0	Methyl parathion	3.5	5.9		U
106-44-5	4-Methylphenol	1.2	5.9		U
91-20-3	Naphthalene	1.2	5.9		U
95-48-7	2-Methylphenol	1.2	5.9		U
108-39-4	3-Methylphenol	1.2	5.9		U
130-15-4	1,4-Naphthoquinone	1.2	5.9		U
134-32-7	1-Naphthylamine	1.2	5.9		U
91-59-8	2-Naphthylamine	1.2	5.9		U
88-74-4	2-Nitroaniline	1.2	24		U
99-09-2	3-Nitroaniline	1.2	24		U
100-01-6	4-Nitroaniline	1.2	24		U
98-95-3	Nitrobenzene	1.2	5.9		U
88-75-5	2-Nitrophenol	1.2	5.9		U
100-02-7	4-Nitrophenol	5.9	24		U
56-57-5	4-Nitroquinoline-1-oxide	1.2	5.9		U
924-16-3	N-Nitrosodi-n-butylamine	1.2	5.9		U
55-18-5	N-Nitrosodiethylamine	1.2	5.9		U
62-75-9	N-Nitroso-di-methylamine	1.2	5.9		U
86-30-6	N-Nitrosodiphenylamine (1)	1.2	5.9		U
621-64-7	N-Nitroso-di-n-propylamine	0.94	5.9		U
10595-95-6	N-Nitrosomethylethylamine	4.7	5.9		U
59-89-2	N-Nitrosomorpholine	1.2	5.9		U
100-75-4	N-Nitrosopiperidine	1.2	5.9		U
930-55-2	N-Nitrosopyrrolidine	1.2	5.9		U
99-55-8	5-Nitro-o-toluidine	2.4	5.9		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-04

Sample wt/vol: 850.0 (g/mL) ML Lab File ID: 1105704

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.5	5.9		U
608-93-5	Pentachlorobenzene	4.7	5.9		U
76-01-7	Pentachloroethane	4.7	5.9		U
82-68-8	Pentachloronitrobenzene	4.7	5.9		U
87-86-5	Pentachlorophenol	1.2	24		U
62-44-2	Phenacetin	1.2	5.9		U
85-01-8	Phenanthrene	1.2	5.9		U
108-95-2	Phenol	1.2	5.9		U
106-50-3	p-Phenylenediamine	1.2	5.9		U
298-02-2	Phorate	4.7	5.9		U
109-06-8	2-Picoline	8.2	8.2		U
23950-58-5	Pronamide	1.2	5.9		U
129-00-0	Pyrene	1.2	5.9		U
110-86-1	Pyridine	1.2	24		U
94-59-7	Safrole	1.2	5.9		U
3689-24-5	Sulfotepp	4.7	5.9		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.5	5.9		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.2	5.9		U
297-97-2	Thionazin	4.7	5.9		U
95-53-4	o-Toluidine	4.7	5.9		U
120-82-1	1,2,4-Trichlorobenzene	1.2	5.9		U
95-95-4	2,4,5-Trichlorophenol	1.2	5.9		U
88-06-2	2,4,6-Trichlorophenol	1.2	5.9		U
126-68-1	O,O,O-Triethylphosphorothioa	3.5	5.9		U
99-35-4	sym-Trinitrobenzene	3.5	5.9		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105705

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 12:47

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105705

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 12:47

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105705

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 12:47

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105705

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 12:47

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 20:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-06

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: 1105706

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 21:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.1	5.6		U
208-96-8	Acenaphthylene	1.1	5.6		U
98-86-2	Acetophenone	1.1	5.6		U
53-96-3	2-Acetylaminofluorene	2.2	5.6		U
92-67-1	4-Aminobiphenyl	2.2	5.6		U
62-53-3	Aniline	1.1	5.6		U
140-57-8	Aramite	1.1	5.6		U
120-12-7	Anthracene	1.1	5.6		U
65-85-0	Benzoic acid	1.1	22		U
56-55-3	Benzo(a)anthracene	1.1	5.6		U
205-99-2	Benzo(b)fluoranthene	1.1	5.6		U
207-08-9	Benzo(k)fluoranthene	1.1	5.6		U
191-24-2	Benzo(g,h,i)perylene	1.1	5.6		U
50-32-8	Benzo(a)pyrene	1.1	5.6		U
100-51-6	Benzyl alcohol	1.1	5.6		U
111-91-1	bis(2-Chloroethoxy)methane	1.1	5.6		U
111-44-4	bis(2-Chloroethyl)ether	1.1	5.6		U
108-60-1	bis(2-Chloroisopropyl)ether	1.1	5.6		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.1	5.6		U
101-55-3	4-Bromophenyl-phenylether	1.1	5.6		U
85-68-7	Butylbenzylphthalate	1.1	5.6		U
106-47-8	4-Chloroaniline	1.1	5.6		U
510-15-6	Chlorobenzilate	1.1	5.6		U
59-50-7	4-Chloro-3-methylphenol	1.1	5.6		U
91-58-7	2-Chloronaphthalene	1.1	5.6		U
95-57-8	2-Chlorophenol	1.1	5.6		U
7005-72-3	4-Chlorophenyl-phenylether	1.1	5.6		U
218-01-9	Chrysene	1.1	5.6		U
2303-16-4	Diallate	1.1	5.6		U
53-70-3	Dibenz(a,h)anthracene	1.1	5.6		U
132-64-9	Dibenzofuran	1.1	5.6		U
91-94-1	3,3'-Dichlorobenzidine	1.1	5.6		U
106-46-7	1,4-Dichlorobenzene	1.1	5.6		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-06

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: 1105706

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 21:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.1	5.6		U
541-73-1	1,3-Dichlorobenzene	1.1	5.6		U
120-83-2	2,4-Dichlorophenol	1.1	5.6		U
87-65-0	2,6-Dichlorophenol	1.1	5.6		U
84-66-2	Diethylphthalate	1.1	5.6		U
60-51-5	Dimethoate	4.4	5.6		U
60-11-7	p-(Dimethylamino)azobenzene	1.1	5.6		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.1	5.6		U
119-93-7	3,3'-Dimethylbenzidine	47	47		U
122-09-8	a,a-Dimethyl-phenethylamine	1.1	5.6		U
105-67-9	2,4-Dimethylphenol	1.1	22		U
131-11-3	Dimethylphthalate	1.1	5.6		U
84-74-2	Di-n-butylphthalate	1.1	5.6		U
99-65-0	m-Dinitrobenzene	3.3	5.6		U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	22		U
51-28-5	2,4-Dinitrophenol	11	56		U
121-14-2	2,4-Dinitrotoluene	1.1	5.6		U
606-20-2	2,6-Dinitrotoluene	1.1	5.6		U
88-85-7	Dinoseb	1.1	5.6		U
117-84-0	Di-n-octylphthalate	1.1	5.6		U
122-39-4	Diphenylamine	1.1	5.6		U
298-04-4	Disulfoton	3.3	5.6		U
62-50-0	Ethyl methanesulfonate	1.1	5.6		U
52-85-7	Famphur	2.2	5.6		U
206-44-0	Fluoranthene	1.1	5.6		U
86-73-7	Fluorene	1.1	5.6		U
118-74-1	Hexachlorobenzene	1.1	5.6		U
87-68-3	Hexachlorobutadiene	1.1	5.6		U
77-47-4	Hexachlorocyclopentadiene	1.1	5.6		U
67-72-1	Hexachloroethane	1.1	5.6		U
70-30-4	Hexachlorophene	28	110		U
1888-71-7	Hexachloropropene	4.4	5.6		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	5.6		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-06

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: 1105706

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 21:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.2	5.6		U
78-59-1	Isophorone	1.1	5.6		U
120-58-1	Isosafrole	1.1	5.6		U
143-50-0	Kepone	1.1	5.6		U
91-80-5	Methapyrilene	1.1	5.6		U
56-49-5	3-Methylcholanthrene	1.1	5.6		U
66-27-3	Methyl methanesulfonate	1.1	5.6		U
91-57-6	2-Methylnaphthalene	1.1	5.6		U
298-00-0	Methyl parathion	3.3	5.6		U
106-44-5	4-Methylphenol	1.1	5.6		U
91-20-3	Naphthalene	1.1	5.6		U
95-48-7	2-Methylphenol	1.1	5.6		U
108-39-4	3-Methylphenol	1.1	5.6		U
130-15-4	1,4-Naphthoquinone	1.1	5.6		U
134-32-7	1-Naphthylamine	1.1	5.6		U
91-59-8	2-Naphthylamine	1.1	5.6		U
88-74-4	2-Nitroaniline	1.1	22		U
99-09-2	3-Nitroaniline	1.1	22		U
100-01-6	4-Nitroaniline	1.1	22		U
98-95-3	Nitrobenzene	1.1	5.6		U
88-75-5	2-Nitrophenol	1.1	5.6		U
100-02-7	4-Nitrophenol	5.6	22		U
56-57-5	4-Nitroquinoline-1-oxide	1.1	5.6		U
924-16-3	N-Nitrosodi-n-butylamine	1.1	5.6		U
55-18-5	N-Nitrosodiethylamine	1.1	5.6		U
62-75-9	N-Nitroso-di-methylamine	1.1	5.6		U
86-30-6	N-Nitrosodiphenylamine (1)	1.1	5.6		U
621-64-7	N-Nitroso-di-n-propylamine	0.89	5.6		U
10595-95-6	N-Nitrosomethylethylamine	4.4	5.6		U
59-89-2	N-Nitrosomorpholine	1.1	5.6		U
100-75-4	N-Nitrosopiperidine	1.1	5.6		U
930-55-2	N-Nitrosopyrrolidine	1.1	5.6		U
99-55-8	5-Nitro-o-toluidine	2.2	5.6		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-06

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: 1105706

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 21:28

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.3	5.6		U
608-93-5	Pentachlorobenzene	4.4	5.6		U
76-01-7	Pentachloroethane	4.4	5.6		U
82-68-8	Pentachloronitrobenzene	4.4	5.6		U
87-86-5	Pentachlorophenol	1.1	22		U
62-44-2	Phenacetin	1.1	5.6		U
85-01-8	Phenanthrene	1.1	5.6		U
108-95-2	Phenol	1.1	5.6		U
106-50-3	p-Phenylenediamine	1.1	5.6		U
298-02-2	Phorate	4.4	5.6		U
109-06-8	2-Picoline	7.8	7.8		U
23950-58-5	Pronamide	1.1	5.6		U
129-00-0	Pyrene	1.1	5.6		U
110-86-1	Pyridine	1.1	22		U
94-59-7	Safrole	1.1	5.6		U
3689-24-5	Sulfotepp	4.4	5.6		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	5.6		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	5.6		U
297-97-2	Thionazin	4.4	5.6		U
95-53-4	o-Toluidine	4.4	5.6		U
120-82-1	1,2,4-Trichlorobenzene	1.1	5.6		U
95-95-4	2,4,5-Trichlorophenol	1.1	5.6		U
88-06-2	2,4,6-Trichlorophenol	1.1	5.6		U
126-68-1	O,O,O-Triethylphosphorothioa	3.3	5.6		U
99-35-4	sym-Trinitrobenzene	3.3	5.6		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-07

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105707

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 10:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-07

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105707

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 10:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.1	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-07

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105707

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 10:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	1.0	5.2		U
106-44-5	4-Methylphenol	3.1	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	5.2		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	21		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	1.0	5.2		U
56-57-5	4-Nitroquinoline-1-oxide	5.2	21		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	1.0	5.2		U
10595-95-6	N-Nitrosomethylethylamine	0.82	5.2		U
59-89-2	N-Nitrosomorpholine	4.1	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	1.0	5.2		U
		2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-07

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105707

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 10:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:03

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.1	5.2		U
76-01-7	Pentachloroethane	4.1	5.2		U
82-68-8	Pentachloronitrobenzene	4.1	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.1	5.2		U
109-06-8	2-Picoline	7.2	7.2		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.1	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.1	5.2		U
95-53-4	o-Toluidine	4.1	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105708

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105708

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105708

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105708

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 22:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105716

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105716

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105716

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) UG/L RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105716

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 06:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-11

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1105711

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:21

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.1	5.3		U
208-96-8	Acenaphthylene	1.1	5.3		U
98-86-2	Acetophenone	1.1	5.3		U
53-96-3	2-Acetylaminofluorene	2.1	5.3		U
92-67-1	4-Aminobiphenyl	2.1	5.3		U
62-53-3	Aniline	1.1	5.3		U
140-57-8	Aramite	1.1	5.3		U
120-12-7	Anthracene	1.1	5.3		U
65-85-0	Benzoic acid	1.1	21		U
56-55-3	Benzo(a)anthracene	1.1	5.3		U
205-99-2	Benzo(b)fluoranthene	1.1	5.3		U
207-08-9	Benzo(k)fluoranthene	1.1	5.3		U
191-24-2	Benzo(g,h,i)perylene	1.1	5.3		U
50-32-8	Benzo(a)pyrene	1.1	5.3		U
100-51-6	Benzyl alcohol	1.1	5.3		U
111-91-1	bis(2-Chloroethoxy)methane	1.1	5.3		U
111-44-4	bis(2-Chloroethyl)ether	1.1	5.3		U
108-60-1	bis(2-Chloroisopropyl)ether	1.1	5.3		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.1	5.3		U
101-55-3	4-Bromophenyl-phenylether	1.1	5.3		U
85-68-7	Butylbenzylphthalate	1.1	5.3		U
106-47-8	4-Chloroaniline	1.1	5.3		U
510-15-6	Chlorobenzilate	1.1	5.3		U
59-50-7	4-Chloro-3-methylphenol	1.1	5.3		U
91-58-7	2-Chloronaphthalene	1.1	5.3		U
95-57-8	2-Chlorophenol	1.1	5.3		U
7005-72-3	4-Chlorophenyl-phenylether	1.1	5.3		U
218-01-9	Chrysene	1.1	5.3		U
2303-16-4	Diallate	1.1	5.3		U
53-70-3	Dibenz(a,h)anthracene	1.1	5.3		U
132-64-9	Dibenzofuran	1.1	5.3		U
91-94-1	3,3'-Dichlorobenzidine	1.1	5.3		U
106-46-7	1,4-Dichlorobenzene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-11

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1105711

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:21

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.1	5.3		U
541-73-1	1,3-Dichlorobenzene	1.1	5.3		U
120-83-2	2,4-Dichlorophenol	1.1	5.3		U
87-65-0	2,6-Dichlorophenol	1.1	5.3		U
84-66-2	Diethylphthalate	1.1	5.3		U
60-51-5	Dimethoate	4.2	5.3		U
60-11-7	p-(Dimethylamino)azobenzene	1.1	5.3		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.1	5.3		U
119-93-7	3,3'-Dimethylbenzidine	45	45		U
122-09-8	a,a-Dimethyl-phenethylamine	1.1	5.3		U
105-67-9	2,4-Dimethylphenol	1.1	21		U
131-11-3	Dimethylphthalate	1.1	5.3		U
84-74-2	Di-n-butylphthalate	1.1	5.3		U
99-65-0	m-Dinitrobenzene	3.2	5.3		U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	21		U
51-28-5	2,4-Dinitrophenol	11	53		U
121-14-2	2,4-Dinitrotoluene	1.1	5.3		U
606-20-2	2,6-Dinitrotoluene	1.1	5.3		U
88-85-7	Dinoseb	1.1	5.3		U
117-84-0	Di-n-octylphthalate	1.1	5.3		U
122-39-4	Diphenylamine	1.1	5.3		U
298-04-4	Disulfoton	3.2	5.3		U
62-50-0	Ethyl methanesulfonate	1.1	5.3		U
52-85-7	Famphur	2.1	5.3		U
206-44-0	Fluoranthene	1.1	5.3		U
86-73-7	Fluorene	1.1	5.3		U
118-74-1	Hexachlorobenzene	1.1	5.3		U
87-68-3	Hexachlorobutadiene	1.1	5.3		U
77-47-4	Hexachlorocyclopentadiene	1.1	5.3		U
67-72-1	Hexachloroethane	1.1	5.3		U
70-30-4	Hexachlorophene	26	110		U
1888-71-7	Hexachloropropene	4.2	5.3		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-11

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1105711

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:21

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.3		U
78-59-1	Isophorone	1.1	5.3		U
120-58-1	Isosafrole	1.1	5.3		U
143-50-0	Kepone	1.1	5.3		U
91-80-5	Methapyrilene	1.1	5.3		U
56-49-5	3-Methylcholanthrene	1.1	5.3		U
66-27-3	Methyl methanesulfonate	1.1	5.3		U
91-57-6	2-Methylnaphthalene	1.1	5.3		U
298-00-0	Methyl parathion	3.2	5.3		U
106-44-5	4-Methylphenol	1.1	5.3		U
91-20-3	Naphthalene	1.1	5.3		U
95-48-7	2-Methylphenol	1.1	5.3		U
108-39-4	3-Methylphenol	1.1	5.3		U
130-15-4	1,4-Naphthoquinone	1.1	5.3		U
134-32-7	1-Naphthylamine	1.1	5.3		U
91-59-8	2-Naphthylamine	1.1	5.3		U
88-74-4	2-Nitroaniline	1.1	21		U
99-09-2	3-Nitroaniline	1.1	21		U
100-01-6	4-Nitroaniline	1.1	21		U
98-95-3	Nitrobenzene	1.1	5.3		U
88-75-5	2-Nitrophenol	1.1	5.3		U
100-02-7	4-Nitrophenol	5.3	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.1	5.3		U
924-16-3	N-Nitrosodi-n-butylamine	1.1	5.3		U
55-18-5	N-Nitrosodiethylamine	1.1	5.3		U
62-75-9	N-Nitroso-di-methylamine	1.1	5.3		U
86-30-6	N-Nitrosodiphenylamine (1)	1.1	5.3		U
621-64-7	N-Nitroso-di-n-propylamine	0.85	5.3		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.3		U
59-89-2	N-Nitrosomorpholine	1.1	5.3		U
100-75-4	N-Nitrosopiperidine	1.1	5.3		U
930-55-2	N-Nitrosopyrrolidine	1.1	5.3		U
99-55-8	5-Nitro-o-toluidine	2.1	5.3		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-11

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1105711

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:21

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.2	5.3		U
608-93-5	Pentachlorobenzene	4.2	5.3		U
76-01-7	Pentachloroethane	4.2	5.3		U
82-68-8	Pentachloronitrobenzene	4.2	5.3		U
87-86-5	Pentachlorophenol	1.1	21		U
62-44-2	Phenacetin	1.1	5.3		U
85-01-8	Phenanthrene	1.1	5.3		U
108-95-2	Phenol	1.1	5.3		U
106-50-3	p-Phenylenediamine	1.1	5.3		U
298-02-2	Phorate	4.2	5.3		U
109-06-8	2-Picoline	7.4	7.4		U
23950-58-5	Pronamide	1.1	5.3		U
129-00-0	Pyrene	1.1	5.3		U
110-86-1	Pyridine	1.1	21		U
94-59-7	Safrole	1.1	5.3		U
3689-24-5	Sulfotepp	4.2	5.3		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.2	5.3		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	5.3		U
297-97-2	Thionazin	4.2	5.3		U
95-53-4	o-Toluidine	4.2	5.3		U
120-82-1	1,2,4-Trichlorobenzene	1.1	5.3		U
95-95-4	2,4,5-Trichlorophenol	1.1	5.3		U
88-06-2	2,4,6-Trichlorophenol	1.1	5.3		U
126-68-1	O,O,O-Triethylphosphorothioa	3.2	5.3		U
99-35-4	sym-Trinitrobenzene	3.2	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105712

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:56

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105712

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:56

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105712

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:56

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1105712

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 03:56

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-13

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105713

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 13:52

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 04:32

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-13

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105713

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 13:52

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 04:32

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-13

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105713

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 13:52

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 04:32

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-13

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105713

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 13:52

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 04:32

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-14

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105714

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 14:26

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-14

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105714

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 14:26

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-14

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105714

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 14:26

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	1.0	5.1		U
106-44-5	4-Methylphenol	3.1	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	5.1		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	20		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	1.0	5.1		U
56-57-5	4-Nitroquinoline-1-oxide	5.1	20		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	1.0	5.1		U
10595-95-6	N-Nitrosomethylethylamine	0.82	5.1		U
59-89-2	N-Nitrosomorpholine	4.1	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	1.0	5.1		U
		2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-14

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1105714

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 14:26

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:07

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-15

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105715

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 15:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-15

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105715

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 15:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.1	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-15

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105715

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 15:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-15

Sample wt/vol: 970.0 (g/mL) ML Lab File ID: 1105715

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 15:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 05:42

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.1	5.2		U
76-01-7	Pentachloroethane	4.1	5.2		U
82-68-8	Pentachloronitrobenzene	4.1	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.1	5.2		U
109-06-8	2-Picoline	7.2	7.2		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.1	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.1	5.2		U
95-53-4	o-Toluidine	4.1	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FB11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-09

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 073F7301

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 13:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 03:51

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0052	0.021		U
72-55-9	4,4'-DDE	0.0052	0.021		U
50-29-3	4,4'-DDT	0.0052	0.021		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0052	0.021		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0052	0.021		U
1031-07-8	Endosulfan Sulfate	0.0052	0.021		U
72-20-8	Endrin	0.0052	0.021		U
7421-93-4	Endrin Aldehyde	0.0052	0.021		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1FD11040601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-10

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 074F7401

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 04:20

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0052	0.021		U
72-55-9	4,4'-DDE	0.0052	0.021		U
50-29-3	4,4'-DDT	0.0052	0.021		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0052	0.021		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0052	0.021		U
1031-07-8	Endosulfan Sulfate	0.0052	0.021		U
72-20-8	Endrin	0.0052	0.021		U
7421-93-4	Endrin Aldehyde	0.0052	0.021		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-01

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 063F6301

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 13:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/21/06 23:05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010	0.28	
319-85-7	Beta-BHC	0.0034	0.010	0.018	
72-54-8	4,4'-DDD	0.0051	0.020	0.011	J
72-55-9	4,4'-DDE	0.0051	0.020	0.018	J
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010	0.0090	J
76-44-8	Heptachlor	0.0034	0.010	0.014	PB
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.014	PB
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 064F6401

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 15:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/21/06 23:34

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010	0.011	
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010	0.012	B
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.011	PMB
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-03

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 065F6501

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 00:03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011	0.011	B
1024-57-3	Heptachlor Epoxide	0.0035	0.011	0.016	PB
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-04

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 066F6601

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/03/06 16:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 00:31

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010	0.017	P
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010	0.0084	JP
76-44-8	Heptachlor	0.0034	0.010	0.020	B
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.025	PB
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 067F6701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 12:47

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 01:00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010	0.0053	J
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010	0.010	B
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.013	PB
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-06

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 068F6801

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 01:28

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010	0.0050	J
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-07

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 069F6901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 10:10

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 01:57

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-08

Sample wt/vol: 920.0 (g/mL) ML Lab File ID: 070F7001

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/04/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 02:26

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0036	0.011		U
319-84-6	Alpha-BHC	0.0036	0.011		U
319-85-7	Beta-BHC	0.0036	0.011		U
72-54-8	4,4'-DDD	0.0054	0.022		U
72-55-9	4,4'-DDE	0.0054	0.022		U
50-29-3	4,4'-DDT	0.0054	0.022		U
319-86-8	Delta-BHC	0.0036	0.011		U
60-57-1	Dieldrin	0.0054	0.022		U
959-98-8	Endosulfan I	0.0036	0.011		U
33213-65-9	Endosulfan II	0.0054	0.022		U
1031-07-8	Endosulfan Sulfate	0.0054	0.022		U
72-20-8	Endrin	0.0054	0.022		U
7421-93-4	Endrin Aldehyde	0.0054	0.022		U
58-89-9	Gamma-BHC	0.0036	0.011		U
76-44-8	Heptachlor	0.0036	0.011		U
1024-57-3	Heptachlor Epoxide	0.0036	0.011		U
72-43-5	Methoxychlor	0.0036	0.011		U
8001-35-2	Toxaphene	0.36	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 080F8001

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 :

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 07:12

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010	0.011	PM
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010	0.016	P
76-44-8	Heptachlor	0.0033	0.010	0.089	B
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.081	PB
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-11

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 075F7501

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 04:49

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011		U
1024-57-3	Heptachlor Epoxide	0.0035	0.011		U
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-12

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 076F7601

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 10:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 05:17

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-13

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 077F7701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 13:52

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 05:46

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-14

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 078F7801

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 14:26

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 06:15

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011		U
1024-57-3	Heptachlor Epoxide	0.0035	0.011		U
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: 0611057-15

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 079F7901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/06/06 15:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 06:43

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

APPENDIX C

SUPPORT DOCUMENTATION

NAS KEY WEST
WATER DATA
KEYWEST02

FRACTION	CHEMICAL	S5-SW-02-00-1106	UNITS	S5FD11060601	RPD	D	
PEST/PCB	BETA-BHC	ND	UG/L	0.011 ~~JN~~	NC	NC	0.K<2xRL
PEST/PCB	GAMMA-BHC (LINDANE)	ND	UG/L	0.016 ~~JN~~	NC	NC	J
PEST/PCB	HEPTACHLOR	ND	UG/L	0.089 ~~J~~	NC	NC	J
PEST/PCB	HEPTACHLOR EPOXIDE	ND	UG/L	0.081 ~~JN~~	NC	NC	J

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
M	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/10/2006	11/27/2006	7	17	24
M	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/27/2006	4	17	21
M	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
OS	%	S1FD11040601	0611057-10	NM	11/4/2006	11/8/2006	11/16/2006	4	8	12
OS	%	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S1FB11040601	0611057-09	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	%	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	%	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	%	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	%	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	%	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	%	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	%	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	%	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S1FB11040601	0611057-09	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
OS	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/8/2006	11/16/2006	4	8	12
OS	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/8/2006	11/15/2006	5	7	12
PEST	%	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	%	S5FD11060601	0611057-16	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	%	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	%	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	%	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/22/2006	11/22/2006	19	0	19
PEST	%	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/22/2006	11/22/2006	19	0	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/21/2006	11/21/2006	18	0	18
PEST	%	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/21/2006	11/21/2006	18	0	18
PEST	%	S1FB11040601	0611057-09	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	%	S1FD11040601	0611057-10	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	%	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/21/2006	11/21/2006	18	0	18
PEST	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/22/2006	11/22/2006	19	0	19
PEST	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/21/2006	11/21/2006	18	0	18
PEST	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	S1FB11040601	0611057-09	NM	11/4/2006	11/22/2006	11/22/2006	18	0	18
PEST	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/22/2006	11/22/2006	16	0	16
PEST	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/22/2006	11/22/2006	19	0	19

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 02
Work Order: 0611057

Date Sampled	Date Received	Work Order	Client ID	BNA 8270C
11/03/06	11/07/06	0611057-01	S1-SW-01-00-1106	X
11/03/06	11/07/06	0611057-02	S1-SW-03-00-1106	X
11/03/06	11/07/06	0611057-03	S1-SW-04-00-1106	X
11/03/06	11/07/06	0611057-04	S1-SW-05-00-1106	X
11/04/06	11/07/06	0611057-05	S1-SW-06-00-1106	X
11/04/06	11/07/06	0611057-06	S1-SW-07-00-1106	X
11/04/06	11/07/06	0611057-07	S1-SW-08-00-1106	X
11/04/06	11/07/06	0611057-08	S1-SW-09-00-1106	X
11/04/06	11/07/06	0611057-09	S1FB11040601	X
11/04/06	11/07/06	0611057-10	S1FD11040601	X
11/06/06	11/07/06	0611057-11	S5-SW-01-00-1106	X
11/06/06	11/07/06	0611057-12	S5-SW-02-00-1106	X
11/06/06	11/07/06	0611057-13	S5-SW-03-00-1106	X
11/06/06	11/07/06	0611057-14	S5-SW-04-00-1106	X
11/06/06	11/07/06	0611057-15	S5-SW-05-00-1106	X
11/06/06	11/07/06	0611057-16	S5FD11060601	X

Semivolatile Samples

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 3510C/8270C (separatory funnel extraction followed by capillary column GC/MS) for waters upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: Samples were analyzed/reported for appendix IX and TCL list combined. Analytes not listed in the SOW were included after discussion with the project chemist.
- The calculated method detection limits for 3,3'-dimethylbenzidine and 2-picoline are 42µg/L and 7µg/L, respectively. Due to this, the quantitation limits are reported as 42µg/L and 7µg/L on the associated Form I's rather than the lowest calibration standard.
- In spike samples SBLK1108BW1LCS/LCSD, 5 of 138 recoveries and 0 of 69 relative percent differences exceeded the established limits on the high side. No target analytes were detected in the associated samples.
- In spike samples SBLK1110BW1LCS/LCSD, 4 of 138 recoveries and 0 of 69 relative percent differences exceeded the established limits on the high side. No target analytes were detected in the associated samples.
- In samples S5-SW-04-00-1106, S5-SW-05-00-1106 and S5FD11060601, recoveries of the surrogate d14-terphenyl were below the laboratory limit of 55% at 54%, 52% and 46%, respectively. All other surrogate recoveries were within limits.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1152006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	KEY WEST NAS	Chuck Bryan	Federal Express	Empirical Laboratories 227 French Landing Drive, Suite 550 Nashville, TN 37228
	Turn Around Time: Standard	Field Ops Leader: Gary Braganza	Carrier/Waybill No. 8566-7032-5710	Point of Contact: Marcia McGinnity (615) 345-1119 x232

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	SW-846 6020	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	SW-846 8081 / 8270C	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	SW-846 6020	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	SW-846 8081 / 8270C	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	SW-846 6020	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	SW-846 8081 / 8270C	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	SW-846 6020	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	SW-846 8081 / 8270C	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	SW-846 8081 / 8270C	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	SW-846 6020	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	SW-846 6020	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	SW-846 8081 / 8270C	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	SW-846 8081 / 8270C	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	SW-846 6020	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	SW-846 6020	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	SW-846 8081 / 8270C	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	SW-846 6020	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	SW-846 8081 / 8270C	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	SW-846 6020	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	SW-846 8081 / 8270C	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	SW-846 6020	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	SW-846 6020	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	SW-846 8081 / 8270C	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	SW-846 6020	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	SW-846 8081 / 8270C	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	SW-846 6020	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	SW-846 8081 / 8270C	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	SW-846 6020	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	06

11-4	S1-SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611057-06
	S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		07
	S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		08
	S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank	09
	S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank	
	S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		10
	S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FD11040602	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-10	
	S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		11
	S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		12
	S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		13
	S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		14
	S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		15
	S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-5	S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		16
	S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		17
	S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		18
	S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		19
	S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		20
	S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		21
	S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		22
	S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		23
	S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		24
	S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	25
	S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		26
	S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		27
	S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		28
	S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		

11-5	S2-SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 29	
	S2-SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057 - 11	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		13
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		14
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		15
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		16
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 39	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By: John Wright	Date: 11/06/2006	Time: 17:00	Received By: Federal Express	Date: 11/06/2006	Time: 17:00
2. Relinquished By:	Date:	Time:	Received By: Andy Barton	Date: 11/7/06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 30

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1108BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: SWBL1108 Lab Sample ID: SBLK1108BW1

Instrument ID: BNA1 Date Extracted: 11/08/06

Matrix: (soil/water) WATER Date Analyzed: 11/15/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1608

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1108BW1L	SBLK1108BW1LCS	SWLC1108	11/15/06
02	SBLK1108BW1L	SBLK1108BW1LCS	SWLD1108	11/15/06
03	S1-SW-01-00-	0611057-01	1105701	11/15/06
04	S1-SW-03-00-	0611057-02	1105702	11/15/06
05	S1-SW-04-00-	0611057-03	1105703	11/15/06
06	S1-SW-05-00-	0611057-04	1105704	11/15/06
07	S1-SW-06-00-	0611057-05	1105705	11/15/06
08	S1-SW-07-00-	0611057-06	1105706	11/15/06
09	S1-SW-08-00-	0611057-07	1105707	11/15/06
10	S1-SW-09-00-	0611057-08	1105708	11/15/06
11	S1FB11040601	0611057-09	1105709	11/15/06
12	S1FD11040601	0611057-10	1105710	11/16/06
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1108BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1108BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1108

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 16:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1108BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1108BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1108

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 16:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1108BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1108BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1108

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 16:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1108BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1108BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1108

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 16:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1110BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: SWBL1110 Lab Sample ID: SBLK1110BW1

Instrument ID: BNA1 Date Extracted: 11/10/06

Matrix: (soil/water) WATER Date Analyzed: 11/15/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1422

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1110BW1L	SBLK1110BW1LCS	SWLC1110	11/15/06
02	SBLK1110BW1L	SBLK1110BW1LCS	SWLD1110	11/15/06
03	S5-SW-01-00-	0611057-11	1105711	11/16/06
04	S5-SW-02-00-	0611057-12	1105712	11/16/06
05	S5-SW-03-00-	0611057-13	1105713	11/16/06
06	S5-SW-04-00-	0611057-14	1105714	11/16/06
07	S5-SW-05-00-	0611057-15	1105715	11/16/06
08	S5FD11060601	0611057-16	1105716	11/16/06
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1110BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1110

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 14:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1110BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1110

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 14:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1110BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1110

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 14:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1110BW1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: SBLK1110BW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SWBL1110

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/15/06 14:22

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF0911B2 DFTPP Injection Date: 09/11/06

Instrument ID: BNA1 DFTPP Injection Time: 1958

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	51.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	78.8
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	18.2
365	Greater than 1.0% of mass 198	1.86
441	Present, but less than mass 443	9.0
442	Greater than 40.0% of mass 198	56.3
443	17.0 - 23.0% of mass 442	11.0 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPC002PPM	APPC002PPM	APPC002	09/12/06	0022
02	APPC005PPM	APPC005PPM	APPC005	09/12/06	0057
03	APPC010PPM	APPC010PPM	APPC010	09/12/06	0132
04	APPC020PPM	APPC020PPM	APPC020	09/12/06	0207
05	APPC030PPM	APPC030PPM	APPC030	09/12/06	0242
06	APPC050PPM	APPC050PPM	APPC050	09/12/06	0317
07	APPC060PPM	APPC060PPM	APPC060	09/12/06	0351
08	APPC070PPM	APPC070PPM	APPC070	09/12/06	0426
09	APPC080PPM	APPC080PPM	APPC080	09/12/06	0501
10	APPC090PPM	APPC090PPM	APPC090	09/12/06	0536
11	APPC100PPM	APPC100PPM	APPC100	09/12/06	0611
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF0911B3 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 0736

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	81.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	16.0
365	Greater than 1.0% of mass 198	2.08
441	Present, but less than mass 443	8.0
442	Greater than 40.0% of mass 198	50.0
443	17.0 - 23.0% of mass 442	9.9 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPA002PPM	APPA002PPM	APPA002	09/12/06	1236
02	APPA005PPM	APPA005PPM	APPA005	09/12/06	1311
03	APPA010PPM	APPA010PPM	APPA010	09/12/06	1346
04	APPA020PPM	APPA020PPM	APPA020	09/12/06	1421
05	APPA030PPM	APPA030PPM	APPA030	09/12/06	1456
06	APPA050PPM	APPA050PPM	APPA050	09/12/06	1531
07	APPA070PPM	APPA070PPM	APPA070	09/12/06	1606
08	APPA100PPM	APPA100PPM	APPA100	09/12/06	1641
09	APPB002PPM	APPB002PPM	APPB002	09/12/06	1716
10	APPB005PPM	APPB005PPM	APPB005	09/12/06	1751
11	APPB010PPM	APPB010PPM	APPB010	09/12/06	1827
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF0911B4 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 1859

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	76.7
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	47.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	17.6
365	Greater than 1.0% of mass 198	1.94
441	Present, but less than mass 443	9.1
442	Greater than 40.0% of mass 198	56.9
443	17.0 - 23.0% of mass 442	11.8 (20.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPB020PPM	APPB020PPM	APPB020	09/12/06	1919
02	APPB030PPM	APPB030PPM	APPB030	09/12/06	1953
03	APPB050PPM	APPB050PPM	APPB050	09/12/06	2028
04	APPB070PPM	APPB070PPM	APPB070	09/12/06	2103
05	APPB100PPM	APPB100PPM	APPB100	09/12/06	2138
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF1114B1 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 0729

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	79.2
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.8
365	Greater than 1.0% of mass 198	1.72
441	Present, but less than mass 443	8.7
442	Greater than 40.0% of mass 198	51.6
443	17.0 - 23.0% of mass 442	9.6 (18.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CAL001PPM	CAL001PPM	CAL001	11/14/06	0749
02	CAL002PPM	CAL002PPM	CAL002	11/14/06	0824
03	CAL005PPM	CAL005PPM	CAL005	11/14/06	0859
04	CAL010PPM	CAL010PPM	CAL010	11/14/06	0934
05	CAL020PPM	CAL020PPM	CAL020	11/14/06	1009
06	CAL030PPM	CAL030PPM	CAL030	11/14/06	1045
07	CAL040PPM	CAL040PPM	CAL040	11/14/06	1120
08	CAL050PPM	CAL050PPM	CAL050	11/14/06	1155
09	CAL060PPM	CAL060PPM	CAL060	11/14/06	1230
10	CAL070PPM	CAL070PPM	CAL070	11/14/06	1306
11	CAL080PPM	CAL080PPM	CAL080	11/14/06	1341
12	CAL090PPM	CAL090PPM	CAL090	11/14/06	1416
13	CAL100PPM	CAL100PPM	CAL100	11/14/06	1452
14	CALB002PPM	CALB002PPM	CALB002	11/14/06	1527
15	CALB005PPM	CALB005PPM	CALB005	11/14/06	1602
16	CALB010PPM	CALB010PPM	CALB010	11/14/06	1637
17	CALB020PPM	CALB020PPM	CALB020	11/14/06	1713
18	CALB030PPM	CALB030PPM	CALB030	11/14/06	1748
19	CALB040PPM	CALB040PPM	CALB040	11/14/06	1823
20	CALB050PPM	CALB050PPM	CALB050	11/14/06	1859
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF1114B2 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 1931

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	82.0
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.2
365	Greater than 1.0% of mass 198	2.01
441	Present, but less than mass 443	6.0
442	Greater than 40.0% of mass 198	43.5
443	17.0 - 23.0% of mass 442	8.3 (19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CALB060PPM	CALB060PPM	CALB060	11/14/06	1951
02	CALB070PPM	CALB070PPM	CALB070	11/14/06	2026
03	CALB080PPM	CALB080PPM	CALB080	11/14/06	2102
04	CALB090PPM	CALB090PPM	CALB090	11/14/06	2137
05	CALB100PPM	CALB100PPM	CALB100	11/14/06	2212
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Acetylaminofluorene	2ORDR	0.00000000	2.50416525	-0.4098548	0.997
4-Aminobiphenyl	AVRG		0.77864114		13.6
m-Dinitrobenzene	LINR	0.00000000	0.23701156		0.995
Hexachloropropene	AVRG		0.14021398		11.0
Isodrin	AVRG		0.20631377		4.4
Kepone	LINR	0.00000000	0.19217706		0.999
5-Nitro-o-toluidine	2ORDR	0.00000000	2.28430051	0.30818451	0.997
Pentachlorobenzene	AVRG		0.47518673		7.5
Pentachloronitrobenzene	LINR	0.00000000	8.786e-002		0.999
Pentachloroethane	AVRG		0.48546152		8.8
1,2,4,5-Tetrachlorobenzene	AVRG		0.25901931		8.8
o-Toluidine	AVRG		1.80815979		10.7
sym-Trinitrobenzene	2ORDR	0.14425382	4.10326421	-1.5803412	0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 2138

OK EWS 12/20/06

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Aramite	AVRG		7.445e-002		11.6
Chlorobenzilate	AVRG		0.38735717		12.6
Diallate	AVRG		0.86317227		7.2
2,6-Dichlorophenol	AVRG		0.26619463		7.1
p-(Dimethylamino)azobenzene	AVRG		0.25649176		12.8
7,12-Dimethylbenz[a]anthrace	LINR	0.00000000	0.51289270		0.999
3,3'-Dimethylbenzidine	2ORDR	0.00000000	1.23445692	0.29370336	0.997
Dinoseb	2ORDR	0.14716869	6.02605242	-0.9898172	0.995
Diphenylamine	AVRG		0.92307953		5.6
Ethyl methanesulfonate	AVRG		1.34405164		7.9
Isosafrole	AVRG		0.94369306		8.4
Methapyrilene	LINR	0.00000000	0.74258273		0.998
3-Methylcholanthrene	AVRG		0.52665015		11.0
Methyl methanesulfonate	AVRG		0.94475920		8.0
1,4-Naphthoquinone	AVRG		0.42498240		12.1
1-Naphthylamine	AVRG		1.04310210		10.8
2-Naphthylamine	AVRG		1.12422959		12.1
4-Nitroquinoline-1-oxide	2ORDR	0.17636842	17.1636050	7.52292652	0.992
N-Nitrosodi-n-butylamine	AVRG		0.24733716		8.6
N-Nitrosodiethylamine	AVRG		0.65778267		8.8
N-Nitrosomethylethylamine	AVRG		0.79866338		4.8
N-Nitrosomorpholine	AVRG		0.85354245		10.6
N-Nitrosopiperidine	AVRG		0.20595211		5.8
N-Nitrosopyrrolidine	AVRG		0.70294934		8.9
Phenacetin	LINR	0.00000000	0.49857817		0.996
2-Picoline	AVRG		1.64217739		7.7
Pronamide	LINR	0.00000000	0.37898786		0.997
Safrole	AVRG		0.24382528		5.7
2,3,4,6-Tetrachlorophenol	LINR	0.00000000	0.25008022		0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Dimethoate	AVRG		0.41009292		10.0
a,a-Dimethyl-phenethylamine	LINR	0.00000000	1.09375917		0.996
Disulfoton	AVRG		0.56765837		12.4
Famphur	2ORDR	5.041e-002	1.85218712	1.46644131	0.996
Hexachlorophene	2ORDR	1.96928051	11.0577718	-1.8507904	0.999
Methyl parathion	2ORDR	0.00000000	2.10302895	0.19537199	0.995
Parathion	LINR	0.00000000	0.28794697		0.996
p-Phenylenediamine	2ORDR	0.00000000	3.24432400	-0.1964508	0.998
Phorate	AVRG		0.80787027		9.4
Sulfotepp	AVRG		0.22119363		9.4
Thionazin	AVRG		0.22388299		12.0
O,O,O-Triethylphosphorothioa	AVRG		0.16890512		6.3

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Acenaphthene	AVRG		1.14763470		7.5
Acenaphthylene	AVRG		1.61937855		9.3
Acetophenone	AVRG		1:52640944		8.9
Aniline	2ORDR	0.00000000	0.53862900	0.14846564	0.995
Anthracene	AVRG		1.04434965		4.5
Benzoic acid	LINR	9.351e-002	0.30378746		0.995
Benzo(a)anthracene	AVRG		1.33102937		6.0
Benzo(b)fluoranthene	LINR	0.00000000	1.26384545		0.996
Benzo(k)fluoranthene	AVRG		1.27602667		10.8
Benzo(g,h,i)perylene	AVRG		0.84531102		12.6
Benzo(a)pyrene	AVRG		1.06117287		10.5
Benzyl alcohol	AVRG		0.76587742		12.6
bis(2-Chloroethoxy)methane	AVRG		0.48197356		10.6
1,1'-Biphenyl	AVRG		1.15934166		14.0
bis(2-Chloroethyl)ether	AVRG		1.42083659		12.3
bis(2-Chloroisopropyl)ether	AVRG		2.26845981		14.6
Bis(2-ethylhexyl)phthalate	LINR	0.00000000	1.34642399		0.996
4-Bromophenyl-phenylether	AVRG		0.24761957		6.1
Butylbenzylphthalate	LINR	0.00000000	1.11444792		0.999
Carbazole	2ORDR	0.00000000	1.34084265	5.801e-003	0.991
Caprolactam	AVRG		0.10163568		14.0
4-Chloroaniline	AVRG		0.40585523		10.7
4-Chloro-3-methylphenol	AVRG		0.30001834		7.9
2-Chloronaphthalene	AVRG		1.12198486		10.1
2-Chlorophenol	AVRG		1.33386531		11.6
4-Chlorophenyl-phenylether	AVRG		0.51658739		7.4
Chrysene	AVRG		1.20256073		4.6
Dibenz(a,h)anthracene	2ORDR	0.00000000	1.52141269	-0.2389727	0.994
Dibenzofuran	AVRG		1.59863352		7.6
1,2-Dichlorobenzene	AVRG		1.34202950		12.8
1,4-Dichlorobenzene	AVRG		1.42999558		12.6
1,3-Dichlorobenzene	AVRG		1.46157748		10.4
2,4-Dichlorophenol	AVRG		0.29162720		9.3
Diethylphthalate	LINR	-6.74e-002	1.24038263		0.996
2,4-Dimethylphenol	AVRG		0.35805051		7.1
Dimethylphthalate	AVRG		1.41337499		7.9
Di-n-butylphthalate	AVRG		1.73696747		7.0

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
4,6-Dinitro-2-methylphenol	LINR	0.11504554	0.20948045		0.996
2,4-Dinitrophenol	2ORDR	0.00000000	6.26078818	-3.7983137	0.991
2,4-Dinitrotoluene	AVRG		0.41632007		11.0
2,6-Dinitrotoluene	LINR	0.00000000	0.33718475		0.997
Di-n-octylphthalate	LINR	0.00000000	2.31029715		0.995
1,2-Diphenylhydrazine	AVRG		1.22292795		8.2
Fluoranthene	AVRG		1.11809015		7.0
Fluorene	AVRG		1.19824378		6.7
Hexachlorobenzene	AVRG		0.28180346		9.6
Hexachlorobutadiene	AVRG		0.17808279		10.5
Hexachlorocyclopentadiene	LINR	7.254e-002	0.24606699		0.995
Hexachloroethane	AVRG		0.65773406		10.6
Indeno(1,2,3-cd)pyrene	2ORDR	0.00000000	1.52164857	-0.2357851	0.995
Isophorone	AVRG		0.77204459		7.3
2-Methylnaphthalene	AVRG		0.54180192		9.3
1-Methylnaphthalene	AVRG		0.53740425		9.6
4-Methylphenol	AVRG		1.09166424		12.3
3-Methylphenol	AVRG		1.09541609		12.8
Naphthalene	AVRG		0.96197387		14.1
2-Methylphenol	AVRG		1.13201842		11.0
2-Nitroaniline	LINR	0.00000000	0.45985501		0.998
3-Nitroaniline	2ORDR	0.00000000	3.69161987	-0.9149745	0.995
4-Nitroaniline	2ORDR	-1.33e-002	5.94840126	-3.9675729	0.990
Nitrobenzene	AVRG		0.39886867		10.4
2-Nitrophenol	AVRG		0.22944579		11.8
4-Nitrophenol	2ORDR	0.00000000	4.52861578	-1.7848770	0.998
N-Nitroso-di-methylamine	AVRG		0.69884932		6.7
N-Nitrosodiphenylamine	AVRG		0.54828239		9.8
N-Nitroso-di-n-propylamine	AVRG		0.93827321		12.6
Pentachlorophenol	LINR	0.00000000	0.17892127		0.996
Phenanthrene	AVRG		1.08113552		5.1
Phenol	AVRG		1.77885530		14.4
Pyrene	AVRG		1.66387273		5.9
Pyridine	LINR	0.00000000	1.50521901		0.996
1,2,4-Trichlorobenzene	AVRG		0.31070165		10.8
2,4,5-Trichlorophenol	AVRG		0.41010190		9.5
2,4,6-Trichlorophenol	AVRG		0.39250741		10.1

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Fluorophenol	AVRG		1.29094459		10.4
Phenol-d6	AVRG		1.45633702		13.1
Nitrobenzene-d5	AVRG		0.40594199		6.6
2-Fluorobiphenyl	AVRG		1.30358766		10.4
2,4,6-Tribromophenol	AVRG		0.15197208		9.7
Terphenyl-d14	AVRG		1.00520729		6.5

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 11/15/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 0254

LAB FILE ID: RF2: CALB002 RF5: CALB005 RF10: CALB010
RF20: CALB020 RF30: CALB030

COMPOUND	RF2	RF5	RF10	RF20	RF30
Benzidine			0.366	0.416	0.576
3,3'-Dichlorobenzidine	0.110	0.156	0.225	0.248	0.317

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 11/15/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 0254

LAB FILE ID: RF90: CALB090 RF100: CALB100

COMPOUND	RF90	RF100
Benzidine	0.729	
3,3'-Dichlorobenzidine		

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date(s): 09/11/06 11/15/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0818 0254

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Benzidine	LINR	0.17671722	0.79483026	0.995
3,3'-Dichlorobenzidine	LINR	7.74e-002	0.36251529	0.995

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF1115B1 DFTPP Injection Date: 11/15/06

Instrument ID: BNA1 DFTPP Injection Time: 1137

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	71.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	15.7
365	Greater than 1.0% of mass 198	1.69
441	Present, but less than mass 443	8.3
442	Greater than 40.0% of mass 198	47.2
443	17.0 - 23.0% of mass 442	9.9 (20.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	11/15/06	1157
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	11/15/06	1234
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	11/15/06	1310
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	11/15/06	1346
05	SBLK1110BW1	SBLK1110BW1	SWBL1110	11/15/06	1422
06	SBLK1110BW1L	SBLK1110BW1LCS	SWLC1110	11/15/06	1457
07	SBLK1110BW1L	SBLK1110BW1LCS	SWLD1110	11/15/06	1533
08	SBLK1108BW1	SBLK1108BW1	SWBL1108	11/15/06	1608
09	SBLK1108BW1L	SBLK1108BW1LCS	SWLC1108	11/15/06	1644
10	SBLK1108BW1L	SBLK1108BW1LCS	SWLD1108	11/15/06	1719
11	S1-SW-01-00-	0611057-01	1105701	11/15/06	1830
12	S1-SW-03-00-	0611057-02	1105702	11/15/06	1906
13	S1-SW-04-00-	0611057-03	1105703	11/15/06	1941
14	S1-SW-05-00-	0611057-04	1105704	11/15/06	2017
15	S1-SW-06-00-	0611057-05	1105705	11/15/06	2052
16	S1-SW-07-00-	0611057-06	1105706	11/15/06	2128
17	S1-SW-08-00-	0611057-07	1105707	11/15/06	2203
18	S1-SW-09-00-	0611057-08	1105708	11/15/06	2239
19	S1FB11040601	0611057-09	1105709	11/15/06	2314
20					
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1157

Lab File ID: CCV050 Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.130	50.00	49.22		AVRG	-1.6	20.0
Acenaphthylene	1.619	1.682	50.00	51.94		AVRG	3.9	
Acetophenone	1.526	1.540	50.00	50.44		AVRG	0.9	
Aniline	1.507	1.451	50.00	58.60		2ORDR	17.2	
Anthracene	1.044	1.201	50.00	57.52		AVRG	15.0	
Atrazine	0.205	0.195	50.00	43.31		LINR	-13.4	
Benzaldehyde	0.904	0.551	50.00	30.48		AVRG	-39.0	
Benzidine	0.614	0.055	50.00	10.55		LINR	-78.9	
Benzoic acid	0.222	0.308	50.00	54.46		LINR	8.9	
Benzo(a)anthracene	1.331	1.346	50.00	50.55		AVRG	1.1	
Benzo(b)fluoranthene	1.179	1.383	50.00	54.71		LINR	9.4	
Benzo(k)fluoranthene	1.276	1.406	50.00	55.09		AVRG	10.2	
Benzo(g,h,i)perylene	0.845	1.063	50.00	62.90		AVRG	25.8	
Benzo(a)pyrene	1.061	1.240	50.00	58.44		AVRG	16.9	20.0
Benzyl alcohol	0.766	0.787	50.00	51.40		AVRG	2.8	
1,1'-Biphenyl	1.159	1.269	50.00	54.74		AVRG	9.5	
bis(2-Chloroethoxy)methane	0.482	0.468	50.00	48.59		AVRG	-2.8	
bis(2-Chloroethyl)ether	1.421	1.467	50.00	51.62		AVRG	3.2	
bis(2-Chloroisopropyl)ether	2.268	2.145	50.00	47.28		AVRG	-5.4	
Bis(2-ethylhexyl)phthalate	1.197	1.309	50.00	48.62		LINR	-2.8	
4-Bromophenyl-phenylether	0.247	0.280	50.00	56.46		AVRG	12.9	
Butylbenzylphthalate	1.020	1.115	50.00	50.04		LINR	0.1	
4-Chloroaniline	0.406	0.417	50.00	51.34		AVRG	2.7	
Carbazole	0.820	0.888	50.00	59.81		2ORDR	19.6	
Caprolactam	0.102	0.116	50.00	57.29		AVRG	14.6	
4-Chloro-3-methylphenol	0.300	0.337	50.00	56.17		AVRG	12.3	20.0
2-Chloronaphthalene	1.122	1.209	50.00	53.88		AVRG	7.8	
2-Chlorophenol	1.334	1.347	50.00	50.51		AVRG	1.0	
4-Chlorophenyl-phenylether	0.517	0.501	50.00	48.46		AVRG	-3.1	
Chrysene	1.202	1.286	50.00	53.48		AVRG	7.0	
Dibenz(a,h)anthracene	0.717	0.888	50.00	55.76		2ORDR	11.5	
Dibenzofuran	1.598	1.523	50.00	47.64		AVRG	-4.7	
1,2-Dichlorobenzene	1.342	1.250	50.00	46.58		AVRG	-6.8	
1,4-Dichlorobenzene	1.430	1.477	50.00	51.64		AVRG	3.3	20.0
1,3-Dichlorobenzene	1.462	1.469	50.00	50.25		AVRG	0.5	
3,3'-Dichlorobenzidine	0.273	0.288	50.00	42.89		LINR	-14.2	
2,4-Dichlorophenol	0.292	0.295	50.00	50.65		AVRG	1.3	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1157

Lab File ID: CCV050 Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.364	50.00	52.27		LINR	4.5	
2,4-Dimethylphenol	0.358	0.379	50.00	52.98		AVRG	6.0	
Dimethylphthalate	1.413	1.481	50.00	52.39		AVRG	4.8	
Di-n-butylphthalate	1.737	1.974	50.00	56.83		AVRG	13.7	
4,6-Dinitro-2-methylphenol	0.158	0.203	50.00	53.16		LINR	6.3	
2,4-Dinitrophenol	0.172	0.189	50.00	50.75	0.050	2ORDR	1.5	
2,4-Dinitrotoluene	0.416	0.425	50.00	51.10		AVRG	2.2	
2,6-Dinitrotoluene	0.296	0.322	50.00	47.81		LINR	-4.4	
Di-n-octylphthalate	2.093	2.316	50.00	50.13		LINR	0.3	20.0
1,2-Diphenylhydrazine	1.223	1.428	50.00	58.37		AVRG	16.7	
Fluoranthene	1.118	1.274	50.00	56.98		AVRG	14.0	20.0
Fluorene	1.198	1.184	50.00	49.43		AVRG	-1.1	
Hexachlorobenzene	0.282	0.300	50.00	53.26		AVRG	6.5	
Hexachlorobutadiene	0.178	0.181	50.00	50.91		AVRG	1.8	20.0
Hexachlorocyclopentadiene	0.204	0.224	50.00	48.38	0.050	LINR	-3.2	
Hexachloroethane	0.658	0.693	50.00	52.66		AVRG	5.3	
Indeno(1,2,3-cd)pyrene	0.704	0.950	50.00	58.98		2ORDR	18.0	
Isophorone	0.772	0.738	50.00	47.81		AVRG	-4.4	
1-Methylnaphthalene	0.537	0.528	50.00	49.12		AVRG	-1.8	
2-Methylnaphthalene	0.542	0.542	50.00	50.06		AVRG	0.1	
Naphthalene	0.962	0.925	50.00	48.08		AVRG	-3.8	
4-Methylphenol	1.092	1.166	50.00	53.40		AVRG	6.8	
3-Methylphenol	1.095	1.166	50.00	53.21		AVRG	6.4	
2-Methylphenol	1.132	1.209	50.00	53.42		AVRG	6.8	
2-Nitroaniline	0.406	0.464	50.00	50.44		LINR	0.9	
3-Nitroaniline	0.284	0.311	50.00	51.87		2ORDR	3.7	
4-Nitroaniline	0.211	0.280	50.00	63.31		2ORDR	26.6	
Nitrobenzene	0.399	0.400	50.00	50.21		AVRG	0.4	
2-Nitrophenol	0.229	0.253	50.00	55.17		AVRG	10.3	20.0
4-Nitrophenol	0.246	0.266	50.00	52.34	0.050	2ORDR	4.7	
N-Nitroso-di-methylamine	0.699	0.770	50.00	55.11		AVRG	10.2	
N-Nitrosodiphenylamine(1)	0.548	0.607	50.00	55.36		AVRG	10.7	20.0
N-Nitroso-di-n-propylamine	0.938	0.935	50.00	49.85	0.050	AVRG	-0.3	
Pentachlorophenol	0.160	0.179	50.00	50.14		LINR	0.3	20.0
Phenanthrene	1.081	1.179	50.00	54.53		AVRG	9.1	
Phenol	1.779	1.732	50.00	48.68		AVRG	-2.6	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1157

Lab File ID: CCV050 Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.774	50.00	53.32		AVRG	6.6	
Pyridine	1.378	1.425	50.00	47.33		LINR	-5.3	
1,2,4-Trichlorobenzene	0.311	0.308	50.00	49.54		AVRG	-0.9	
2,4,5-Trichlorophenol	0.410	0.444	50.00	54.17		AVRG	8.3	
2,4,6-Trichlorophenol	0.392	0.410	50.00	52.25		AVRG	4.5	20.0
2-Fluorophenol	1.291	1.345	100.0	104.2		AVRG	4.2	
Phenol-d6	1.456	1.388	100.0	95.30		AVRG	-4.7	
Nitrobenzene-d5	0.406	0.418	50.00	51.49		AVRG	3.0	
2-Fluorobiphenyl	1.304	1.323	50.00	50.74		AVRG	1.5	
2,4,6-Tribromophenol	0.152	0.180	100.0	118.6		AVRG	18.6	
Terphenyl-d14	1.005	1.014	50.00	50.44		AVRG	0.9	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1234

Lab File ID: CCVAP9A Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.415	50.00	47.54		2ORDR	-4.9	20.0
4-Aminobiphenyl	0.779	0.838	50.00	53.83		AVRG	7.7	20.0
m-Dinitrobenzene	0.176	0.213	50.00	44.87		LINR	-10.3	20.0
Hexachloropropene	0.140	0.179	50.00	64.00		AVRG	28.0	20.0
Isodrin	0.206	0.216	50.00	52.30		AVRG	4.6	20.0
Kepone	0.171	0.179	50.00	46.62		LINR	-6.8	20.0
5-Nitro-o-toluidine	0.319	0.401	50.00	48.88		2ORDR	-2.2	20.0
Pentachlorobenzene	0.475	0.477	50.00	50.16		AVRG	0.3	20.0
Pentachloronitrobenzene	0.082	0.105	50.00	59.71		LINR	19.4	20.0
Pentachloroethane	0.486	0.471	50.00	48.52	0.050	AVRG	-3.0	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.277	50.00	53.42		AVRG	6.8	20.0
o-Toluidine	1.808	1.746	50.00	48.30		AVRG	-3.4	20.0
sym-Trinitrobenzene	0.170	0.246	50.00	50.30		2ORDR	0.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1310

Lab File ID: CCVAP9B Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.083	50.00	55.48		AVRG	11.0	
Chlorobenzilate	0.387	0.391	50.00	50.51		AVRG	1.0	
Diallate	0.863	0.784	50.00	45.40		AVRG	-9.2	
2,6-Dichlorophenol	0.266	0.270	50.00	50.69		AVRG	1.4	
p-(Dimethylamino)azobenzene	0.256	0.283	50.00	55.10		AVRG	10.2	
7,12-Dimethylbenz[a]anthrace	0.478	0.480	50.00	46.78		LINR	-6.4	
3,3'-Dimethylbenzidine	0.590	0.646	50.00	47.53		2ORDR	-4.9	
Dinoseb	0.117	0.150	50.00	49.57		2ORDR	-0.8	
Diphenylamine	0.923	0.902	50.00	48.88		AVRG	-2.2	
Ethyl methanesulfonate	1.344	1.208	50.00	44.94		AVRG	-10.1	
Isosafrole	0.944	0.998	50.00	52.87		AVRG	5.7	
Methapyrilene	0.659	0.768	50.00	51.68		LINR	3.4	
3-Methylcholanthrene	0.526	0.538	50.00	51.06		AVRG	2.1	
Methyl methanesulfonate	0.945	0.951	50.00	50.32		AVRG	0.6	
1,4-Naphthoquinone	0.425	0.358	50.00	42.12		AVRG	-15.8	
1-Naphthylamine	1.043	1.095	50.00	52.49		AVRG	5.0	
2-Naphthylamine	1.124	1.144	50.00	50.88		AVRG	1.8	
4-Nitroquinoline-1-oxide	0.036	0.048	50.00	49.83		2ORDR	-0.3	
N-Nitrosodi-n-butylamine	0.247	0.223	50.00	45.00		AVRG	-10.0	
N-Nitrosodiethylamine	0.658	0.588	50.00	44.69		AVRG	-10.6	
N-Nitrosomethylethylamine	0.798	0.603	50.00	37.74		AVRG	-24.5	
N-Nitrosomorpholine	0.853	0.800	50.00	46.89		AVRG	-6.2	
N-Nitrosopiperidine	0.206	0.198	50.00	48.02		AVRG	-4.0	
N-Nitrosopyrrolidine	0.703	0.651	50.00	46.29		AVRG	-7.4	
Phenacetin	0.444	0.516	50.00	51.75		LINR	3.5	
2-Picoline	1.642	1.427	50.00	43.45		AVRG	-13.1	
Pronamide	0.327	0.357	50.00	47.15		LINR	-5.7	
Safrole	0.244	0.230	50.00	47.24		AVRG	-5.5	
2,3,4,6-Tetrachlorophenol	0.227	0.268	50.00	53.56		LINR	7.1	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/15/06 Time: 1346

Lab File ID: CCVAP9C Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.388	50.00	47.34		AVRG	-5.3	20.0
a,a-Dimethyl-phenethylamine	1.028	0.843	125.0	96.40		LINR	-22.9	20.0
Disulfoton	0.567	0.550	50.00	48.47		AVRG	-3.0	20.0
Famphur	0.342	0.375	50.00	49.66		2ORDR	-0.7	20.0
Hexachlorophene	0.069	0.041	250.0	186.3		2ORDR	-25.5	20.0
Methyl parathion	0.359	0.442	50.00	48.88		2ORDR	-2.2	20.0
Parathion	0.239	0.300	50.00	52.02		LINR	4.0	20.0
p-Phenylenediamine	0.279	0.318	125.0	121.2		2ORDR	-3.1	20.0
Phorate	0.808	0.798	50.00	49.41		AVRG	-1.2	20.0
Sulfotepp	0.221	0.245	50.00	55.40		AVRG	10.8	20.0
Thionazin	0.224	0.268	50.00	59.93		AVRG	19.8	20.0
O,O,O-Triethylphosphorothioa	0.169	0.188	50.00	55.59		AVRG	11.2	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Lab File ID: DF1115B2 DFTPP Injection Date: 11/16/06

Instrument ID: BNA1 DFTPP Injection Time: 0004

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	42.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	74.1
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	14.7
365	Greater than 1.0% of mass 198	1.85
441	Present, but less than mass 443	8.8
442	Greater than 40.0% of mass 198	54.6
443	17.0 - 23.0% of mass 442	11.0 (20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050WE	11/16/06	0024
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9AE	11/16/06	0059
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9BE	11/16/06	0135
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9CE	11/16/06	0210
05	S1FD11040601	0611057-10	1105710	11/16/06	0246
06	S5-SW-01-00-	0611057-11	1105711	11/16/06	0321
07	S5-SW-02-00-	0611057-12	1105712	11/16/06	0356
08	S5-SW-03-00-	0611057-13	1105713	11/16/06	0432
09	S5-SW-04-00-	0611057-14	1105714	11/16/06	0507
10	S5-SW-05-00-	0611057-15	1105715	11/16/06	0542
11	S5FD11060601	0611057-16	1105716	11/16/06	0617
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050WE Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.119	50.00	48.74		AVRG	-2.5	20.0
Acenaphthylene	1.619	1.716	50.00	52.97		AVRG	5.9	
Acetophenone	1.526	1.498	50.00	49.08		AVRG	-1.8	
Aniline	1.507	1.482	50.00	60.32		2ORDR	20.6	
Anthracene	1.044	1.251	50.00	59.89		AVRG	19.8	
Atrazine	0.205	0.207	50.00	46.07		LINR	-7.8	
Benzaldehyde	0.904	0.666	50.00	36.80		AVRG	-26.4	
Benzidine	0.614	0.038	50.00	9.494		LINR	-81.0	
Benzoic acid	0.222	0.333	50.00	58.55		LINR	17.1	
Benzo(a)anthracene	1.331	1.460	50.00	54.85		AVRG	9.7	
Benzo(b)fluoranthene	1.179	1.335	50.00	52.80		LINR	5.6	
Benzo(k)fluoranthene	1.276	1.515	50.00	59.35		AVRG	18.7	
Benzo(g,h,i)perylene	0.845	0.898	50.00	53.13		AVRG	6.3	
Benzo(a)pyrene	1.061	1.201	50.00	56.58		AVRG	13.2	20.0
Benzyl alcohol	0.766	0.830	50.00	54.17		AVRG	8.3	
1,1'-Biphenyl	1.159	1.272	50.00	54.87		AVRG	9.7	
bis(2-Chloroethoxy)methane	0.482	0.475	50.00	49.28		AVRG	-1.4	
bis(2-Chloroethyl)ether	1.421	1.450	50.00	51.01		AVRG	2.0	
bis(2-Chloroisopropyl)ether	2.268	2.067	50.00	45.56		AVRG	-8.9	
Bis(2-ethylhexyl)phthalate	1.197	1.331	50.00	49.42		LINR	-1.2	
4-Bromophenyl-phenylether	0.247	0.286	50.00	57.73		AVRG	15.4	
Butylbenzylphthalate	1.020	1.164	50.00	52.20		LINR	4.4	
4-Chloroaniline	0.406	0.410	50.00	50.50		AVRG	1.0	
Carbazole	0.820	0.866	50.00	58.30		2ORDR	16.6	
Caprolactam	0.102	0.113	50.00	55.61		AVRG	11.2	
4-Chloro-3-methylphenol	0.300	0.332	50.00	55.28		AVRG	10.6	20.0
2-Chloronaphthalene	1.122	1.201	50.00	53.53		AVRG	7.0	
2-Chlorophenol	1.334	1.328	50.00	49.76		AVRG	-0.5	
4-Chlorophenyl-phenylether	0.517	0.524	50.00	50.74		AVRG	1.5	
Chrysene	1.202	1.354	50.00	56.28		AVRG	12.6	
Dibenz(a,h)anthracene	0.717	0.808	50.00	51.70		2ORDR	3.4	
Dibenzofuran	1.598	1.622	50.00	50.72		AVRG	1.4	
1,2-Dichlorobenzene	1.342	1.280	50.00	47.68		AVRG	-4.6	
1,4-Dichlorobenzene	1.430	1.437	50.00	50.26		AVRG	0.5	20.0
1,3-Dichlorobenzene	1.462	1.474	50.00	50.42		AVRG	0.8	
3,3'-Dichlorobenzidine	0.273	0.250	50.00	37.62		LINR	-24.8	
2,4-Dichlorophenol	0.292	0.314	50.00	53.83		AVRG	7.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050WE Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.411	50.00	54.18		LINR	8.4	
2,4-Dimethylphenol	0.358	0.372	50.00	51.91		AVRG	3.8	
Dimethylphthalate	1.413	1.440	50.00	50.94		AVRG	1.9	
Di-n-butylphthalate	1.737	1.971	50.00	56.74		AVRG	13.5	
4,6-Dinitro-2-methylphenol	0.158	0.201	50.00	52.56		LINR	5.1	
2,4-Dinitrophenol	0.172	0.174	50.00	47.35	0.050	2ORDR	-5.3	
2,4-Dinitrotoluene	0.416	0.450	50.00	54.10		AVRG	8.2	
2,6-Dinitrotoluene	0.296	0.334	50.00	49.53		LINR	-0.9	
Di-n-octylphthalate	2.093	2.398	50.00	51.90		LINR	3.8	20.0
1,2-Diphenylhydrazine	1.223	1.452	50.00	59.37		AVRG	18.7	
Fluoranthene	1.118	1.254	50.00	56.10		AVRG	12.2	20.0
Fluorene	1.198	1.205	50.00	50.28		AVRG	0.6	
Hexachlorobenzene	0.282	0.304	50.00	53.94		AVRG	7.9	
Hexachlorobutadiene	0.178	0.183	50.00	51.46		AVRG	2.9	20.0
Hexachlorocyclopentadiene	0.204	0.172	50.00	37.96	0.050	LINR	-24.1	
Hexachloroethane	0.658	0.648	50.00	49.26		AVRG	-1.5	
Indeno(1,2,3-cd)pyrene	0.704	0.771	50.00	49.89		2ORDR	-0.2	
Isophorone	0.772	0.785	50.00	50.87		AVRG	1.7	
1-Methylnaphthalene	0.537	0.541	50.00	50.38		AVRG	0.8	
2-Methylnaphthalene	0.542	0.533	50.00	49.21		AVRG	-1.6	
Naphthalene	0.962	0.948	50.00	49.27		AVRG	-1.4	
4-Methylphenol	1.092	1.059	50.00	48.49		AVRG	-3.0	
3-Methylphenol	1.095	1.059	50.00	48.33		AVRG	-3.3	
2-Methylphenol	1.132	1.162	50.00	51.34		AVRG	2.7	
2-Nitroaniline	0.406	0.448	50.00	48.75		LINR	-2.5	
3-Nitroaniline	0.284	0.314	50.00	52.29		2ORDR	4.6	
4-Nitroaniline	0.211	0.283	50.00	63.72		2ORDR	27.4	
Nitrobenzene	0.399	0.422	50.00	52.92		AVRG	5.8	
2-Nitrophenol	0.229	0.262	50.00	57.01		AVRG	14.0	20.0
4-Nitrophenol	0.246	0.249	50.00	49.41	0.050	2ORDR	-1.2	
N-Nitroso-di-methylamine	0.699	0.694	50.00	49.65		AVRG	-0.7	
N-Nitrosodiphenylamine(1)	0.548	0.614	50.00	56.00		AVRG	12.0	20.0
N-Nitroso-di-n-propylamine	0.938	0.889	50.00	47.36	0.050	AVRG	-5.3	
Pentachlorophenol	0.160	0.198	50.00	55.24		LINR	10.5	20.0
Phenanthrene	1.081	1.200	50.00	55.52		AVRG	11.0	
Phenol	1.779	1.691	50.00	47.52		AVRG	-5.0	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0024

Lab File ID: CCV050WE Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.918	50.00	57.64		AVRG	15.3	
Pyridine	1.378	1.416	50.00	47.05		LINR	-5.9	
1,2,4-Trichlorobenzene	0.311	0.312	50.00	50.17		AVRG	0.3	
2,4,5-Trichlorophenol	0.410	0.458	50.00	55.83		AVRG	11.6	
2,4,6-Trichlorophenol	0.392	0.408	50.00	51.98		AVRG	4.0	20.0
2-Fluorophenol	1.291	1.273	100.0	98.61		AVRG	-1.4	
Phenol-d6	1.456	1.344	100.0	92.30		AVRG	-7.7	
Nitrobenzene-d5	0.406	0.445	50.00	54.79		AVRG	9.6	
2-Fluorobiphenyl	1.304	1.352	50.00	51.84		AVRG	3.7	
2,4,6-Tribromophenol	0.152	0.184	100.0	120.8		AVRG	20.8	
Terphenyl-d14	1.005	1.143	50.00	56.87		AVRG	13.7	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0059

Lab File ID: CCVAP9AE Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.456	50.00	51.82		2ORDR	3.6	20.0
4-Aminobiphenyl	0.779	0.806	50.00	51.73		AVRG	3.5	20.0
m-Dinitrobenzene	0.176	0.235	50.00	49.65		LINR	-0.7	20.0
Hexachloropropene	0.140	0.154	50.00	55.06		AVRG	10.1	20.0
Isodrin	0.206	0.223	50.00	53.97		AVRG	7.9	20.0
Kepone	0.171	0.172	50.00	44.87		LINR	-10.2	20.0
5-Nitro-o-toluidine	0.319	0.422	50.00	51.70		2ORDR	3.4	20.0
Pentachlorobenzene	0.475	0.494	50.00	51.97		AVRG	3.9	20.0
Pentachloronitrobenzene	0.082	0.103	50.00	58.78		LINR	17.6	20.0
Pentachloroethane	0.486	0.446	50.00	45.98	0.050	AVRG	-8.0	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.269	50.00	51.98		AVRG	4.0	20.0
o-Toluidine	1.808	1.753	50.00	48.48		AVRG	-3.0	20.0
sym-Trinitrobenzene	0.170	0.241	50.00	49.53		2ORDR	-0.9	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0135

Lab File ID: CCVAP9BE Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.083	50.00	55.99		AVRG	12.0	
Chlorobenzilate	0.387	0.422	50.00	54.49		AVRG	9.0	
Diallate	0.863	0.758	50.00	43.92		AVRG	-12.2	
2,6-Dichlorophenol	0.266	0.289	50.00	54.28		AVRG	8.6	
p-(Dimethylamino)azobenzene	0.256	0.305	50.00	59.43		AVRG	18.9	
7,12-Dimethylbenz[a]anthrace	0.478	0.531	50.00	51.81		LINR	3.6	
3,3'-Dimethylbenzidine	0.590	0.702	50.00	52.42		2ORDR	4.8	
Dinoseb	0.117	0.159	50.00	52.24		2ORDR	4.5	
Diphenylamine	0.923	0.957	50.00	51.83		AVRG	3.6	
Ethyl methanesulfonate	1.344	1.200	50.00	44.65		AVRG	-10.7	
Isosafrole	0.944	0.955	50.00	50.58		AVRG	1.2	
Methapyrilene	0.659	0.881	50.00	59.30		LINR	18.6	
3-Methylcholanthrene	0.526	0.539	50.00	51.20		AVRG	2.4	
Methyl methanesulfonate	0.945	0.934	50.00	49.45		AVRG	-1.1	
1,4-Naphthoquinone	0.425	0.354	50.00	41.72		AVRG	-16.6	
1-Naphthylamine	1.043	1.103	50.00	52.88		AVRG	5.8	
2-Naphthylamine	1.124	1.147	50.00	51.02		AVRG	2.0	
4-Nitroquinoline-1-oxide	0.036	0.036	50.00	38.41		2ORDR	-23.2	
N-Nitrosodi-n-butylamine	0.247	0.233	50.00	47.07		AVRG	-5.9	
N-Nitrosodiethylamine	0.658	0.588	50.00	44.68		AVRG	-10.6	
N-Nitrosomethylethylamine	0.798	0.620	50.00	38.79		AVRG	-22.4	
N-Nitrosomorpholine	0.853	0.754	50.00	44.19		AVRG	-11.6	
N-Nitrosopiperidine	0.206	0.223	50.00	54.18		AVRG	8.4	
N-Nitrosopyrrolidine	0.703	0.596	50.00	42.40		AVRG	-15.2	
Phenacetin	0.444	0.498	50.00	49.90		LINR	-0.2	
2-Picoline	1.642	1.431	50.00	43.58		AVRG	-12.8	
Pronamide	0.327	0.375	50.00	49.50		LINR	-1.0	
Safrole	0.244	0.248	50.00	50.86		AVRG	1.7	
2,3,4,6-Tetrachlorophenol	0.227	0.291	50.00	58.25		LINR	16.5	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST02

Instrument ID: BNA1 Calibration Date: 11/16/06 Time: 0210

Lab File ID: CCVAP9CE Init. Calib. Date(s): 09/11/06 11/15/06

Init. Calib. Times: 0818 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.405	50.00	49.38		AVRG	-1.2	20.0
a,a-Dimethyl-phenethylamine	1.028	0.826	125.0	94.35		LINR	-24.5	20.0
Disulfoton	0.567	0.535	50.00	47.16		AVRG	-5.7	20.0
Famphur	0.342	0.343	50.00	44.63		2ORDR	-10.7	20.0
Hexachlorophene	0.069	0.055	250.0	221.8		2ORDR	-11.3	20.0
Methyl parathion	0.359	0.477	50.00	52.90		2ORDR	5.8	20.0
Parathion	0.239	0.302	50.00	52.43		LINR	4.8	20.0
p-Phenylenediamine	0.279	0.300	125.0	114.7		2ORDR	-8.2	20.0
Phorate	0.808	0.776	50.00	48.04		AVRG	-3.9	20.0
Sulfotepp	0.221	0.231	50.00	52.32		AVRG	4.6	20.0
Thionazin	0.224	0.269	50.00	60.05		AVRG	20.1	20.0
O,O,O-Triethylphosphorothioa	0.169	0.168	50.00	49.88		AVRG	-0.2	20.0

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 02
Work Order: 0611057

Date Sampled	Date Received	Work Order	Client ID	Pest 8081A
11/03/06	11/07/06	0611057-01	S1-SW-01-00-1106	X
11/03/06	11/07/06	0611057-02	S1-SW-03-00-1106	X
11/03/06	11/07/06	0611057-03	S1-SW-04-00-1106	X
11/03/06	11/07/06	0611057-04	S1-SW-05-00-1106	X
11/04/06	11/07/06	0611057-05	S1-SW-06-00-1106	X
11/04/06	11/07/06	0611057-06	S1-SW-07-00-1106	X
11/04/06	11/07/06	0611057-07	S1-SW-08-00-1106	X
11/04/06	11/07/06	0611057-08	S1-SW-09-00-1106	X
11/04/06	11/07/06	0611057-09	S1FB11040601	X
11/04/06	11/07/06	0611057-10	S1FD11040601	X
11/06/06	11/07/06	0611057-11	S5-SW-01-00-1106	X
11/06/06	11/07/06	0611057-12	S5-SW-02-00-1106	X
11/06/06	11/07/06	0611057-13	S5-SW-03-00-1106	X
11/06/06	11/07/06	0611057-14	S5-SW-04-00-1106	X
11/06/06	11/07/06	0611057-15	S5-SW-05-00-1106	X
11/06/06	11/07/06	0611057-16	S5FD11060601	X

Pesticide Samples

Method: The samples were analyzed by USEPA SW-846 Methods 3510C/8081A (separatory funnel extraction followed by capillary column GC/ECD) for waters upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- The multi-component analyte toxaphene was calibrated using a single-point standard as per the referenced method. As it was not detected, a complete calibration was not performed.
- The RTX-CLP column PEM exceeded 15% breakdown for endrin at 16.6%. Neither endrin nor it's breakdown components were detected in the associated samples.
- Some analytes in the continuing calibration verifications (CCVs) exceeded the 20 %D limit. In all cases, the analyte exceeding limits was high and non-detect. Surrogate recoveries were evaluated and determined not to have been biased into control.
- Method blank PW1BLK1108 has reported concentrations of heptachlor and heptachlor epoxide. Reported concentrations in the associated samples are flagged with a "B".

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The associated numerical value is an estimated quantity. There is greater than a 40% difference between the two GC columns for the detected concentrations. The higher of the two values is reported unless matrix interference is obvious.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1162006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	KEY WEST NAS	Chuck Bryan	Federal Express	Empirical Laboratories 227 French Landing Drive, Suite 550 Nashville, TN 37228
	Turn Around Time: Standard	Field Ops Leader: Gary Braganza	Carrier/Waybill No. 8566-7032-5710	Point of Contact: Marcia McGinnity (615) 345-1119 x232

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	SW-846 6020	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	SW-846 8081 / 8270C	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	SW-846 6020	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	SW-846 8081 / 8270C	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	SW-846 6020	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	SW-846 8081 / 8270C	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	SW-846 6020	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	SW-846 8081 / 8270C	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	SW-846 8081 / 8270C	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	SW-846 6020	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	SW-846 6020	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	SW-846 8081 / 8270C	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	SW-846 8081 / 8270C	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	SW-846 6020	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	SW-846 6020	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	SW-846 8081 / 8270C	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	SW-846 6020	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	SW-846 8081 / 8270C	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	SW-846 6020	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	SW-846 8081 / 8270C	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	SW-846 6020	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	SW-846 6020	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	SW-846 8081 / 8270C	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	SW-846 6020	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	SW-846 8081 / 8270C	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	SW-846 6020	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	SW-846 8081 / 8270C	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	SW-846 6020	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	06

11-4	S1-SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611057-06	
	S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE			07
	S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber			
	S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE			08
	S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber			
	S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank		09
	S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank		
	S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE			10
	S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber			
	S1FD11040602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		0611056-10	
	S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			11
	S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			12
	S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			13
	S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			14
	S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			15
	S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
11-5	S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			16
	S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			17
	S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			18
	S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			19
	S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			20
	S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			21
	S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			22
	S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			23
	S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			24
	S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD		25
	S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD		
	S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			26
	S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			27
	S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			
	S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			28
	S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap			

11-5	S2-SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 29	
	S2-SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	061057 - 11	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		13
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		14
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		15
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		16
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	061056 - 31	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
John Wright	11/06/2006	17:00	Federal Express	11/06/2006	17:00
2. Relinquished By:	Date:	Time:	Received By:	Date:	Time:
			Andy Burton	11/7/06	900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 30

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PW1BLK1108

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: PW1BLK1108 Lab File ID: 060F6001

Matrix (soil/water) WATER Extraction: (SepF/Cont/Sonc/Soxh) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 11/08/06

Date Analyzed (1): 11/21/06 Date Analyzed (2): 11/21/06

Time Analyzed (1): 2139 Time Analyzed (2): 2139

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PW1BLK1108LC	PW1BLK1108LCS	11/21/06	11/21/06
02	PW1BLK1108LC	PW1BLK1108LCSD	11/21/06	11/21/06
03	S1-SW-01-00-	0611057-01	11/21/06	11/21/06
04	S1-SW-03-00-	0611057-02	11/21/06	11/21/06
05	S1-SW-04-00-	0611057-03	11/22/06	11/22/06
06	S1-SW-05-00-	0611057-04	11/22/06	11/22/06
07	S1-SW-06-00-	0611057-05	11/22/06	11/22/06
08	S1-SW-07-00-	0611057-06	11/22/06	11/22/06
09	S1-SW-08-00-	0611057-07	11/22/06	11/22/06
10	S1-SW-09-00-	0611057-08	11/22/06	11/22/06
11	S1FB11040601	0611057-09	11/22/06	11/22/06
12	S1FD11040601	0611057-10	11/22/06	11/22/06
13	S5-SW-01-00-	0611057-11	11/22/06	11/22/06
14	S5-SW-02-00-	0611057-12	11/22/06	11/22/06
15	S5-SW-03-00-	0611057-13	11/22/06	11/22/06
16	S5-SW-04-00-	0611057-14	11/22/06	11/22/06
17	S5-SW-05-00-	0611057-15	11/22/06	11/22/06
18	S5FD11060601	0611057-16	11/22/06	11/22/06
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PW1BLK1108

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Matrix: (soil/water) WATER Lab Sample ID: PW1BLK1108

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 060F6001

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/08/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/21/06 21:39

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010	0.0098	J
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.014	P
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/20/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1830 2121

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Aldrin	AVRG		25732.0279	6.2
Alpha-BHC	AVRG		35787.4786	5.0
Alpha-Chlordane	AVRG		21967.3764	10.8
Beta-BHC	AVRG		13805.6221	12.4
4,4'-DDD	AVRG		19201.2864	5.2
4,4'-DDE	AVRG		21009.3636	7.3
4,4'-DDT	AVRG		13055.2014	5.5
Delta-BHC	AVRG		31779.0986	5.4
Dieldrin	AVRG		21400.0907	7.0
Endosulfan I	AVRG		21030.7650	10.3
Endosulfan II	AVRG		18008.6679	8.8
Endosulfan Sulfate	AVRG		16145.4836	10.5
Endrin	AVRG		14739.6629	13.1
Endrin Aldehyde	AVRG		13264.8957	10.1
Endrin Ketone	AVRG		19462.0057	10.4
Gamma-BHC	AVRG		31665.5193	5.4
Gamma-Chlordane	AVRG		22305.1550	8.6
Heptachlor	AVRG		24930.9893	7.3
Heptachlor Epoxide	AVRG		23198.5350	7.9
Methoxychlor	AVRG		5218.74500	7.9
TCMX	AVRG		24190.8757	10.4
DCB	LINR	0.00000000	6101.51824	0.999

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/21/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1830 0207

RF1: 011F1101

COMPOUND	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Chlordane V*	2449.200	AVRG	2449.20000	0.0
(2)	857.200	AVRG	857.200000	0.0
(3)	1229.400	AVRG	1229.40000	0.0
(4)	1239.400	AVRG	1239.40000	0.0
(5)	2083.400	AVRG	2083.40000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/21/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1830 0207

RF1: 012F1201

COMPOUND	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Toxaphene	515.720	AVRG	515.720000	0.0
(2)	201.620	AVRG	201.620000	0.0
(3)	219.820	AVRG	219.820000	0.0
(4)	244.310	AVRG	244.310000	0.0
(5)	320.780	AVRG	320.780000	0.0
(6)	257.540	AVRG	257.540000	0.0
(7)	426.620	AVRG	426.620000	0.0
(8)	295.900	AVRG	295.900000	0.0
(9)	367.810	AVRG	367.810000	0.0
(10)	239.460	AVRG	239.460000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/20/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1830 2121

LAB FILE ID: RF5: 008R0801 RF1: 009R0901

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Aldrin	61330.600	49512.000	AVRG	54958.2986	7.4
Alpha-BHC	74013.200	56308.000	AVRG	68126.5564	8.6
Alpha-Chlordane	54443.400	47001.000	AVRG	47224.0721	9.2
Beta-BHC	30905.000	30247.000	AVRG	26935.3800	10.3
4,4'-DDD	44526.400	37391.000	AVRG	39042.5514	9.1
4,4'-DDE	50633.000	40138.000	AVRG	44960.0957	8.8
4,4'-DDT	33276.600	27169.000	AVRG	30622.1836	7.0
Delta-BHC	67134.600	52587.000	AVRG	60847.6257	7.6
Dieldrin	53762.400	44611.000	AVRG	47517.7050	8.2
Endosulfan I	49726.800	41217.000	AVRG	43896.8757	8.2
Endosulfan II	46229.400	40805.000	AVRG	40190.7864	9.6
Endosulfan Sulfate	41886.800	35636.000	AVRG	36397.4343	9.6
Endrin	38574.000	30127.000	AVRG	34109.6607	8.6
Endrin Aldehyde	34128.600	30889.000	AVRG	30060.0171	9.4
Endrin Ketone	45847.400	37126.000	AVRG	39816.1164	9.6
Gamma-BHC	67268.800	54536.000	AVRG	61185.2936	6.7
Gamma-Chlordane	56956.400	48259.000	AVRG	49468.4657	8.8
Heptachlor	55626.200	46531.000	AVRG	50541.7914	6.2
Heptachlor Epoxide	61737.800	52818.000	AVRG	52057.1886	10.7
Methoxychlor	11955.600	9272.000	AVRG	10694.1471	8.3
TCMX	51761.400	46398.000	AVRG	45365.2150	7.6
DCB	~~23038.800~~ NOT	~~22023.000~~ USED	AVRG	15446.7550	16.4

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/21/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1830 0207

RF1: 011R1101

COMPOUND	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Chlordane	4473.000	AVRG	4473.00000	0.0
(2)	1576.600	AVRG	1576.60000	0.0
(3)	2196.200	AVRG	2196.20000	0.0
(4)	3691.000	AVRG	3691.00000	0.0
(5)	2794.600	AVRG	2794.60000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA16231

Instrument ID: ECD4 Calibration Date(s): 11/20/06 11/21/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1830 0207

RF1: 012R1201

COMPOUND	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Toxaphene	957.990	AVRG	957.990000	0.0
(2)	299.150	AVRG	299.150000	0.0
(3)	632.070	AVRG	632.070000	0.0
(4)	394.330	AVRG	394.330000	0.0
(5)	374.690	AVRG	374.690000	0.0
(6)	368.400	AVRG	368.400000	0.0
(7)	550.860	AVRG	550.860000	0.0
(8)	572.070	AVRG	572.070000	0.0
(9)	981.670	AVRG	981.670000	0.0
(10)	416.190	AVRG	416.190000	0.0

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EMPIRICAL LABS, LLC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column: RTX-CLP ID: 0.32 (mm) Init. Calib. Date(s): 11.20.04 _____

EPA Sample No. (PIBLK): — Date Analyzed: —

Lab Sample ID (PIBLK): — Time Analyzed: —

EPA Sample No. (PEM): — Date Analyzed: 11.20.04

Lab Sample ID (PEM): — Time Analyzed: 18:01

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC						
beta-BHC						
gamma-BHC (Lindane)						
Endrin						
4,4'-DDT						
Methoxychlor						

4,4'-DDT % breakdown (1): 5.8 Endrin % breakdown (1): 16.4

Combined % breakdown (1): NA

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EMPIRICAL LABS, LLC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column: RTX-CLPII ID: 0.32 (mm) Init. Calib. Date(s): 11.20.09 _____

EPA Sample No. (PIBLK): — Date Analyzed: —

Lab Sample ID (PIBLK): — Time Analyzed: —

EPA Sample No. (PEM): — Date Analyzed: 11.20.09

Lab Sample ID (PEM): — Time Analyzed: 18:01

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC						
beta-BHC						
gamma-BHC (Lindane)						
Endrin						
4,4'-DDT						
Methoxychlor						

4,4'-DDT % breakdown (1): 6.5 Endrin % breakdown (1): 13.1

Combined % breakdown (1): NA

J.H. 11.25.06
BTO 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 058F5801.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Fpest.m

Injection Date: 21-NOV-2006 20:42
Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Init. Cal. Times: 18:30 02:07

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	24191	23554	0.010	-2.6	15.0	
	3 Alpha-BHC	35787	35673	0.010	-0.3	15.0	
	23 Gamma-BHC	31666	31468	0.010	-0.6	15.0	
	5 Beta-BHC	13806	13343	0.010	-3.4	15.0	
	15 Delta-BHC	31779	31705	0.010	-0.2	15.0	
	25 Heptachlor	24931	25999	0.010	4.3	15.0	
	2 Aldrin	25732	24163	0.010	-6.1	15.0	
	26 Heptachlor Epoxide	23199	21533	0.010	-7.2	15.0	
	24 Gamma-Chlordane	22305	20208	0.010	-9.4	15.0	
	4 Alpha-Chlordane	21967	19506	0.010	-11.2	15.0	
	13 4,4'-DDE	21009	18593	0.010	-11.5	15.0	
	17 Endosulfan I	21031	19053	0.010	-9.4	15.0	
	16 Dieldrin	21400	19511	0.010	-8.8	15.0	
	20 Endrin	14740	16509	0.010	12.0	15.0	
	12 4,4'-DDD	19201	15381	0.010	-19.9	15.0	<- Low
	18 Endosulfan II	18009	16029	0.010	-11.0	15.0	
	14 4,4'-DDT	13055	11875	0.010	-9.0	15.0	
	21 Endrin Aldehyde	13265	11949	0.010	-9.9	15.0	
	27 Methoxychlor	5219	5542	0.010	6.2	15.0	
	19 Endosulfan Sulfate	16145	13524	0.010	-16.2	15.0	<- > Low
	22 Endrin Ketone	19462	15964	0.010	-18.0	15.0	<-
$	37 DCB	25.00000	27.90994	0.010	-11.6	15.0	

J.H. 11.28.06
BTD 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i Injection Date: 21-NOV-2006 20:42
Lab File ID: 058R5801.D Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 18:30 02:07
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Rpest.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$ 36 TCMX	45365	45407	0.010	0.1	15.0
3 Alpha-BHC	68127	70232	0.010	3.1	15.0
23 Gamma-BHC	61185	62796	0.010	2.6	15.0
5 Beta-BHC	26935	26641	0.010	-1.1	15.0
15 Delta-BHC	60848	64156	0.010	5.4	15.0
25 Heptachlor	50542	56503	0.010	11.8	15.0
2 Aldrin	54958	54747	0.010	-0.4	15.0
26 Heptachlor Epoxide	52057	48690	0.010	-6.5	15.0
24 Gamma-Chlordane	49468	45599	0.010	-7.8	15.0
4 Alpha-Chlordane	47224	43181	0.010	-8.6	15.0
17 Endosulfan I	43897	40680	0.010	-7.3	15.0
13 4,4'-DDE	44960	41228	0.010	-8.3	15.0
16 Dieldrin	47518	43425	0.010	-8.6	15.0
20 Endrin	34110	34311	0.010	0.6	15.0
12 4,4'-DDD	39043	34576	0.010	-11.4	15.0
18 Endosulfan II	40191	35721	0.010	-11.1	15.0
14 4,4'-DDT	30622	27905	0.010	-8.9	15.0
21 Endrin Aldehyde	30060	27175	0.010	-9.6	15.0
19 Endosulfan Sulfate	36397	31185	0.010	-14.3	15.0
27 Methoxychlor	10694	11314	0.010	5.8	15.0
22 Endrin Ketone	39816	33881	0.010	-14.9	15.0
$ 37 DCB	15447	15645	0.010	1.3	15.0

J.H. 11-29-06
BTD 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 071F7101.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Fpest.m

Injection Date: 22-NOV-2006 02:54
Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Init. Cal. Times: 18:30 02:07

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	24191	22713	0.010	-6.1	15.0	
	3 Alpha-BHC	35787	34370	0.010	-4.0	15.0	
	23 Gamma-BHC	31666	30273	0.010	-4.4	15.0	
	5 Beta-BHC	13806	12810	0.010	-7.2	15.0	
	15 Delta-BHC	31779	30585	0.010	-3.8	15.0	
	25 Heptachlor	24931	25418	0.010	2.0	15.0	
	2 Aldrin	25732	24925	0.010	-3.1	15.0	
	26 Heptachlor Epoxide	23199	22689	0.010	-2.2	15.0	
	24 Gamma-Chlordane	22305	21746	0.010	-2.5	15.0	
	4 Alpha-Chlordane	21967	21306	0.010	-3.0	15.0	
	13 4,4'-DDE	21009	20948	0.010	-0.3	15.0	
	17 Endosulfan I	21031	20585	0.010	-2.1	15.0	
	16 Dieldrin	21400	21698	0.010	1.4	15.0	
	20 Endrin	14740	18066	0.010	22.6	15.0	<- HIGH
	12 4,4'-DDD	19201	18423	0.010	-4.1	15.0	
	18 Endosulfan II	18009	18160	0.010	0.8	15.0	
	14 4,4'-DDT	13055	12835	0.010	-1.7	15.0	
	21 Endrin Aldehyde	13265	13742	0.010	3.6	15.0	
	27 Methoxychlor	5219	5812	0.010	11.4	15.0	
	19 Endosulfan Sulfate	16145	16059	0.010	-0.5	15.0	
	22 Endrin Ketone	19462	19062	0.010	-2.1	15.0	
$	37 DCB	25.00000	32.20412	0.010	28.8	15.0	<- HIGH

J.H. 11.29.06
BTD 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i Injection Date: 22-NOV-2006 02:54
Lab File ID: 071R7101.D Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 18:30 02:07
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Rpest.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	45365	44113	0.010	-2.8	15.0	
	3 Alpha-BHC	68127	68473	0.010	0.5	15.0	
	23 Gamma-BHC	61185	61280	0.010	0.2	15.0	
	5 Beta-BHC	26935	25916	0.010	-3.8	15.0	
	15 Delta-BHC	60848	62751	0.010	3.1	15.0	
	25 Heptachlor	50542	56540	0.010	11.9	15.0	
	2 Aldrin	54958	56487	0.010	2.8	15.0	
	26 Heptachlor Epoxide	52057	51406	0.010	-1.3	15.0	
	24 Gamma-Chlordane	49468	49710	0.010	0.5	15.0	
	4 Alpha-Chlordane	47224	47729	0.010	1.1	15.0	
	17 Endosulfan I	43897	44919	0.010	2.3	15.0	
	13 4,4'-DDE	44960	47009	0.010	4.6	15.0	
	16 Dieldrin	47518	49206	0.010	3.6	15.0	
	20 Endrin	34110	39256	0.010	15.1	15.0	<- HIGH
	12 4,4'-DDD	39043	41707	0.010	6.8	15.0	
	18 Endosulfan II	40191	41804	0.010	4.0	15.0	
	14 4,4'-DDT	30622	30746	0.010	0.4	15.0	
	21 Endrin Aldehyde	30060	31463	0.010	4.7	15.0	
	19 Endosulfan Sulfate	36397	37403	0.010	2.8	15.0	
	27 Methoxychlor	10694	12372	0.010	15.7	15.0	<- HIGH
	22 Endrin Ketone	39816	40550	0.010	1.8	15.0	
$	37 DCB	15447	18166	0.010	17.6	15.0	<- HIGH

J.H. 11-29-06
BTD 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i Injection Date: 22-NOV-2006 07:40
Lab File ID: 081F8101.D Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 18:30 02:07
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Fpest.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	24191	23227	0.010	-4.0	15.0	
3 Alpha-BHC	35787	X 35195	0.010	-1.7	15.0	
23 Gamma-BHC	31666	31326	0.010	-1.1	15.0	
5 Beta-BHC	13806	13165	0.010	-4.6	15.0	
15 Delta-BHC	31779	31900	0.010	0.4	15.0	
25 Heptachlor	24931	27211	0.010	9.1	15.0	
2 Aldrin	25732	26211	0.010	1.9	15.0	
26 Heptachlor Epoxide	23199	24065	0.010	3.7	15.0	
24 Gamma-Chlordane	22305	23185	0.010	3.9	15.0	
4 Alpha-Chlordane	21967	22752	0.010	3.6	15.0	
13 4,4'-DDE	21009	22420	0.010	6.7	15.0	
17 Endosulfan I	21031	O 21925	0.010	4.3	15.0	
16 Dieldrin	21400	23327	0.010	9.0	15.0	
20 Endrin	14740	19216	0.010	30.4	15.0	<- HIGH
12 4,4'-DDD	19201	20302	0.010	5.7	15.0	
18 Endosulfan II	18009	19681	0.010	9.3	15.0	
14 4,4'-DDT	13055	14459	0.010	10.7	15.0	
21 Endrin Aldehyde	13265	15141	0.010	14.1	15.0	
27 Methoxychlor	5219	6506	0.010	24.7	15.0	<- HIGH
19 Endosulfan Sulfate	16145	17383	0.010	7.7	15.0	
22 Endrin Ketone	19462	20656	0.010	6.1	15.0	
$ 37 DCB	25.00000	30.32803	0.010	21.3	15.0	<- HIGH

Data File: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\081R8101.D
Report Date: 28-Nov-2006 12:53

J.H. 11-29-06
BTD 11-29-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd4.i
Lab File ID: 081R8101.D
Analysis Type: SOIL
Lab Sample ID: Mix AB 25 5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd4.i\112006A.b\8081_82Rpest.m

Injection Date: 22-NOV-2006 07:40
Init. Cal. Date(s): 20-NOV-2006 21-NOV-2006
Init. Cal. Times: 18:30 02:07

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	45365	44568	0.010	-1.8	15.0	
	3 Alpha-BHC	68127	69864	0.010	2.6	15.0	
	23 Gamma-BHC	61185	62969	0.010	2.9	15.0	
	5 Beta-BHC	26935	26707	0.010	-0.8	15.0	
	15 Delta-BHC	60848	64758	0.010	6.4	15.0	
	25 Heptachlor	50542	59728	0.010	18.2	15.0	<- HIGH
	2 Aldrin	54958	59301	0.010	7.9	15.0	
	26 Heptachlor Epoxide	52057	54695	0.010	5.1	15.0	
	24 Gamma-Chlordane	49468	53213	0.010	7.6	15.0	
	4 Alpha-Chlordane	47224	51131	0.010	8.3	15.0	
	17 Endosulfan I	43897	48128	0.010	9.6	15.0	
	13 4,4'-DDE	44960	50944	0.010	13.3	15.0	
	16 Dieldrin	47518	53007	0.010	11.6	15.0	
	20 Endrin	34110	42114	0.010	23.5	15.0	<- HIGH
	12 4,4'-DDD	39043	44864	0.010	14.9	15.0	
	18 Endosulfan II	40191	44582	0.010	10.9	15.0	
	14 4,4'-DDT	30622	34377	0.010	12.3	15.0	
	21 Endrin Aldehyde	30060	34592	0.010	15.1	15.0	<- HIGH
	19 Endosulfan Sulfate	36397	40527	0.010	11.3	15.0	
	27 Methoxychlor	10694	13847	0.010	29.5	15.0	<- HIGH
	22 Endrin Ketone	39816	43940	0.010	10.4	15.0	
$	37 DCB	15447	17255	0.010	11.7	15.0	

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/20/06 - 11/22/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 7.34 S2 : 14.48					
01		PEM	11/20/06	1801		
02		MIX AB 200 5	11/20/06	1830	7.34	14.48
03		MIX AB 100 5	11/20/06	1858	7.34	14.49
04		MIX AB 50 56	11/20/06	1927	7.34	14.48
05		MIX AB 25 56	11/20/06	1955	7.34	14.48
06		MIX AB 10 56	11/20/06	2024	7.34	14.48
07		MIX AB 5 565	11/20/06	2052	7.34	14.48
08		MIX AB 1 565	11/20/06	2121	7.34	14.48
09		ICV 25PPB 58	11/20/06	2150		
10		CHLOR. 5PPB#	11/20/06	2218		
11		TOX. 100PPB#	11/20/06	2247		
12		MIX AB 25 59	11/21/06	2042	7.33	14.48
13	PW1BLK1108	PW1BLK1108	11/21/06	2139	7.34	14.48
14	PW1BLK1108LC	PW1BLK1108LC	11/21/06	2208	7.34	14.48
15	PW1BLK1108LC	PW1BLK1108LC	11/21/06	2237	7.34	14.48
16	S1-SW-01-00-	0611057-01	11/21/06	2305	7.34	14.48
17	S1-SW-03-00-	0611057-02	11/21/06	2334	7.33	14.48
18	S1-SW-04-00-	0611057-03	11/22/06	0003	7.34	14.48
19	S1-SW-05-00-	0611057-04	11/22/06	0031	7.34	14.48
20	S1-SW-06-00-	0611057-05	11/22/06	0100	7.33	14.48
21	S1-SW-07-00-	0611057-06	11/22/06	0128	7.33	14.48
22	S1-SW-08-00-	0611057-07	11/22/06	0157	7.33	14.48
23	S1-SW-09-00-	0611057-08	11/22/06	0226	7.34	14.48
24		MIX AB 25 59	11/22/06	0254	7.34	14.48
25	S1FB11040601	0611057-09	11/22/06	0351	7.33	14.48
26	S1FD11040601	0611057-10	11/22/06	0420	7.33	14.48
27	S5-SW-01-00-	0611057-11	11/22/06	0449	7.33	14.48
28	S5-SW-02-00-	0611057-12	11/22/06	0517	7.33	14.48
29	S5-SW-03-00-	0611057-13	11/22/06	0546	7.33	14.48
30	S5-SW-04-00-	0611057-14	11/22/06	0615	7.34	14.48
31	S5-SW-05-00-	0611057-15	11/22/06	0643	7.33	14.48
32	S5FD11060601	0611057-16	11/22/06	0712	7.33	14.48

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/20/06 - 11/22/06

Instrument ID: ECD4

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

					SURROGATE RT FROM CONTINUING CALIBRATION S1 : 7.43 S2 : 15.00		
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		PEM	11/20/06	1801		
02		MIX AB 200 5	11/20/06	1830	7.43	15.00
03		MIX AB 100 5	11/20/06	1858	7.43	15.00
04		MIX AB 50 56	11/20/06	1927	7.43	15.00
05		MIX AB 25 56	11/20/06	1955	7.43	15.01
06		MIX AB 10 56	11/20/06	2024	7.43	15.00
07		MIX AB 5 565	11/20/06	2052	7.43	15.00
08		MIX AB 1 565	11/20/06	2121	7.43	15.00
09		ICV 25PPB 58	11/20/06	2150		
10		CHLOR. 5PPB#	11/20/06	2218		
11		TOX. 100PPB#	11/20/06	2247		
12		MIX AB 25 59	11/21/06	2042	7.43	15.00
13	PW1BLK1108	PW1BLK1108	11/21/06	2139	7.43	15.00
14	PW1BLK1108LC	PW1BLK1108LC	11/21/06	2208	7.43	15.00
15	PW1BLK1108LC	PW1BLK1108LC	11/21/06	2237	7.43	15.00
16	S1-SW-01-00-	0611057-01	11/21/06	2305	7.43	15.00
17	S1-SW-03-00-	0611057-02	11/21/06	2334	7.43	15.00
18	S1-SW-04-00-	0611057-03	11/22/06	0003	7.43	15.00
19	S1-SW-05-00-	0611057-04	11/22/06	0031	7.43	15.00
20	S1-SW-06-00-	0611057-05	11/22/06	0100	7.43	15.00
21	S1-SW-07-00-	0611057-06	11/22/06	0128	7.43	15.00
22	S1-SW-08-00-	0611057-07	11/22/06	0157	7.43	15.00
23	S1-SW-09-00-	0611057-08	11/22/06	0226	7.43	15.00
24		MIX AB 25 59	11/22/06	0254	7.43	15.00
25	S1FB11040601	0611057-09	11/22/06	0351	7.43	15.00
26	S1FD11040601	0611057-10	11/22/06	0420	7.43	15.00
27	S5-SW-01-00-	0611057-11	11/22/06	0449	7.43	15.00
28	S5-SW-02-00-	0611057-12	11/22/06	0517	7.43	15.00
29	S5-SW-03-00-	0611057-13	11/22/06	0546	7.43	15.00
30	S5-SW-04-00-	0611057-14	11/22/06	0615	7.43	15.00
31	S5-SW-05-00-	0611057-15	11/22/06	0643	7.43	15.00
32	S5FD11060601	0611057-16	11/22/06	0712	7.43	15.00

	QC LIMITS
S1 = TCMX	(+/- 0.03 MINUTES)
S2 = DCB	(+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-01 Date(s) Analyzed: 11/21/06 11/21/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Alpha-BHC	1	8.26	8.23	8.29	0.2672	
	2	8.43	8.40	8.46	0.2786	4.2
Beta-BHC	1	8.87	8.84	8.90	0.01725	
	2	9.08	9.05	9.11	0.01839	6.4
4,4'-DDD	1	11.76	11.73	11.79	0.008807	
	2	12.04	12.02	12.08	0.01080	20.3
4,4'-DDE	1	11.02	10.99	11.05	0.01835	
	2	11.34	11.32	11.38	0.01713	6.9
Gamma-BHC	1	8.74	8.72	8.78	0.007280	
	2	8.96	8.94	9.00	0.008996	21.1
Heptachlor	1	9.41	9.40	9.46	0.01380	
	2	9.59	9.55	9.61	0.005063	92.6
Heptachlor Epoxide	1	10.65	10.61	10.67	0.007224	
	2	10.73	10.73	10.79	0.01438	66.2
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-02 Date(s) Analyzed: 11/21/06 11/21/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.85	8.84	8.90	0.01066	
	2	9.10	9.05	9.11	0.008759	19.6
Heptachlor	1	9.42	9.40	9.46	0.009472	
	2	9.61	9.55	9.61	0.01228	25.8
Heptachlor Epoxide	1	10.66	10.61	10.67	0.01098	
	2	10.73	10.73	10.79	0.03043	93.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-03 Date(s) Analyzed: 11/22/06 11/22/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	9.41	9.40	9.46	0.009763	
	2	9.61	9.55	9.61	0.01069	9.1
Heptachlor Epoxide	1	10.65	10.61	10.67	0.009051	
	2	10.74	10.73	10.79	0.01620	56.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-04 Date(s) Analyzed: 11/22/06 11/22/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	0.008123	
	2	9.09	9.05	9.11	0.01668	69.0
Gamma-BHC	1	8.74	8.72	8.78	0.008410	
	2	8.96	8.94	9.00	0.003968	71.8
Heptachlor	1	9.41	9.40	9.46	0.01951	
	2	9.61	9.55	9.61	0.01626	18.2
Heptachlor Epoxide	1	10.65	10.61	10.67	0.01513	
	2	10.73	10.73	10.79	0.02531	50.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-05 Date(s) Analyzed: 11/22/06 11/22/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	0.005260	
	2	9.10	9.05	9.11	0.004565	14.1
Heptachlor	1	9.41	9.40	9.46	0.01037	
	2	9.61	9.55	9.61	0.008477	20.1
Heptachlor Epoxide	1	10.65	10.61	10.67	0.008159	
	2	10.74	10.73	10.79	0.01348	49.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-06 Date(s) Analyzed: 11/22/06 11/22/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Methoxychlor	1	12.63	12.60	12.66	0.005043	
	2	13.22	13.19	13.25	0.003802	28.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S5FD11060601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: 0611057-16 Date(s) Analyzed: 11/22/06 11/22/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Beta-BHC	1	8.87	8.84	8.90	0.01129	
	2	9.09	9.05	9.11	0.03365	99.5
Gamma-BHC	1	8.74	8.72	8.78	0.01622	
	2	8.96	8.94	9.00	0.007500	73.5
Heptachlor	1	9.41	9.40	9.46	0.07683	
	2	9.60	9.55	9.61	0.08882	14.5
Heptachlor Epoxide	1	10.65	10.61	10.67	0.04553	
	2	10.73	10.73	10.79	0.08104	56.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

PW1BLK1108

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST02 SAS No.: NA SDG No.: KEYWEST02

Lab Sample ID: PW1BLK1108 Date(s) Analyzed: 11/21/06 11/21/06

Instrument ID (1): ECD4 Instrument ID (2): ECD4

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Heptachlor	1	9.41	9.40	9.46	0.008769	
	2	9.61	9.55	9.61	0.009850	11.6
Heptachlor Epoxide	1	10.65	10.61	10.67	0.006394	
	2	10.74	10.73	10.79	0.01375	73.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 15, 2007**

FROM: **MATTHEW D. KRAUS** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION –TAL METALS & TIN**
NAS KEY WEST – CTO 044
SDG – KEY WEST 02

SAMPLES: 16/Aqueous/

S1FB11040601	S1FD11040601	S1-SW-01-00-1106
S1-SW-03-00-1106	S1-SW-04-00-1106	S1-SW-05-00-1106
S1-SW-06-00-1106	S1-SW-07-00-1106	S1-SW-08-00-1106
S1-SW-09-00-1106	S5FD11060601	S5-SW-01-00-1106
S5-SW-02-00-1106	S5-SW-03-00-1106	S5-SW-04-00-1106
S5-SW-05-00-1106		

Overview

The sample set for NAS Key West, CTO 044, SDG KEYWEST 02, consists of fifteen aqueous environmental samples and one field blank. Two field duplicate pairs [(S1FD11040601 / S1-SW-09-00-1106) (S5FD11060601 / S5-SW-02-00-1106)] and one field quality control blank are included in this SDG.

All samples were analyzed for target analyst list (TAL) metals plus tin. The samples were collected by Tetra Tech NUS on November 3, 4, and 6, 2006 and analyzed by Empirical Laboratories. TAL metal analyses except mercury were conducted using method SW846 6010B. Mercury analyses were conducted using method SW846 7471A.

TAL metals and tin analyses were conducted using Inductively Coupled Plasma methodology. Mercury analyses were conducted using Cold Vapor Atomic Absorption methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
* • Laboratory Method/Preparation Blank Analyses
• Field Duplicate Precision
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Method/Preparation Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Beryllium	0.28 ug/L	1.40 ug/L
Thallium	3.90 ug/L	19.5 ug/L

An action level of five times the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for the above analytes were qualified "U" as a result of laboratory blank contamination. No data was qualified due to blank contamination because all beryllium and thallium results were reported as non-detected by the laboratory.

Field Duplicate Precision

Field duplicate imprecision (difference between sample results > 2X CRDL when one or both sample results are < 5X CRDL) was noted for zinc in the field duplicate pair (S5FD11060601 / S5-SW-02-00-1106). Positive and non-detected zinc results in the "S5" samples were qualified as estimated, "J", or "UJ", respectively.

Notes

Negative signal drift for manganese and zinc in several samples resulted in elevated method detection limits (MDLs).

The analytes calcium, iron, magnesium, manganese, potassium, sodium, and zinc were analyzed at a dilution in several samples resulting in elevated MDLs.

Executive Summary

Laboratory Performance: None.

Other Factors Affecting Data Quality: Zinc was qualified due to field duplicate imprecision.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Data Review", October 2004, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Environmental Chemist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S1FB11040601
samp_date	11/4/2006
lab_id	0611057-09
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	5	U	
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	1000	U	
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	30	U	
LEAD	1.5	U	
MAGNESIUM	1000	U	
MANGANESE	3	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	1000	U	
SELENIUM	3	U	
SILVER	1	U	
SODIUM	2090		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	5	U	

nsample	S1FD11040601
samp_date	11/4/2006
lab_id	0611057-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S1-SW-09-00-1106

Parameter	Result	Val Qual	Qual Code
ALUMINUM	87.3		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	12.2		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	435000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1310000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	539000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10900000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	70	U	

nsample	S1-SW-01-00-1106
samp_date	11/3/2006
lab_id	0611057-01
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	382		
ANTIMONY	25.4		
ARSENIC	3	U	
BARIUM	32.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	569000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	21.1		
IRON	1150		
LEAD	6.6		
MAGNESIUM	1510000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	547000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	12300000		
THALLIUM	3	U	
TIN	19		
VANADIUM	5	U	
ZINC	40.5		

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-03-00-1106
samp_date	11/3/2006
lab_id	0611057-02
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	59.6		
ANTIMONY	8.1		
ARSENIC	3	U	
BARIUM	26.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	406000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	7.1		
IRON	150	U	
LEAD	2.9		
MAGNESIUM	1150000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	464000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	9620000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	55	U	

nsample	S1-SW-04-00-1106
samp_date	11/3/2006
lab_id	0611057-03
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	149		
ANTIMONY	7.5		
ARSENIC	3	U	
BARIUM	16.7		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	420000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	17.3		
IRON	397		
LEAD	12.5		
MAGNESIUM	1250000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	516000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10400000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	45	U	

nsample	S1-SW-05-00-1106
samp_date	11/3/2006
lab_id	0611057-04
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	58.8		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	12.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	421000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.6		
MAGNESIUM	1270000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	509000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10400000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	65	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-06-00-1106
samp_date	11/4/2006
lab_id	0611057-05
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	155		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	11.9		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	429000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1280000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	531000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10800000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	65	U	

nsample	S1-SW-07-00-1106
samp_date	11/4/2006
lab_id	0611057-06
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	91.4		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	12.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	432000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1290000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	529000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10800000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	70	U	

nsample	S1-SW-08-00-1106
samp_date	11/4/2006
lab_id	0611057-07
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	12		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	433000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1300000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	534000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10900000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	70	U	

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-09-00-1106
samp_date	11/4/2006
lab_id	0611057-08
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	106		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	12.5		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	441000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1330000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	543000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	11200000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	65	U	

nsample	S5FD11060601
samp_date	11/6/2006
lab_id	0611057-16
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	S5-SW-02-00-1106

Parameter	Result	Val Qual	Qual Code
ALUMINUM	58.9		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	5.9		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	98100		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	30	U	
LEAD	1.5	U	
MAGNESIUM	213000		
MANGANESE	4	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	95700		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	1720000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	5	UJ	G

nsample	S5-SW-01-00-1106
samp_date	11/6/2006
lab_id	0611057-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	53.1		
ANTIMONY	5	U	
ARSENIC	4.1		
BARIUM	6.5		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	96500		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	30	U	
LEAD	1.5	U	
MAGNESIUM	211000		
MANGANESE	3	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	93200		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	1810000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	5	UJ	G

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S5-SW-02-00-1106
samp_date	11/6/2006
lab_id	0611057-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	51.6		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	98600		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	30	U	
LEAD	1.5	U	
MAGNESIUM	221000		
MANGANESE	4	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	101000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	1840000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	67.9	J	G

nsample	S5-SW-03-00-1106
samp_date	11/6/2006
lab_id	0611057-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	62.7		
ANTIMONY	5	U	
ARSENIC	3.7		
BARIUM	9.9		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	419000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1270000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	519000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10600000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	60	UJ	G

nsample	S5-SW-04-00-1106
samp_date	11/6/2006
lab_id	0611057-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	68.5		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	9.9		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	420000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1270000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	517000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10700000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	65	UJ	G

PROJ_NO: 00486

SDG: KEYWEST02 MEDIA: WATER DATA FRACTION: M

nsample	S5-SW-05-00-1106
samp_date	11/6/2006
lab_id	0611057-15
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	69.8		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	9.8		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	419000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1260000		
MANGANESE	25	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	518000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10700000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	65	UJ	G

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1FB11040601

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-09

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200		U	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200		U		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-70-2	Calcium	1000	5000		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100		U		P
7440-09-7	Potassium	1000	5000		U	J4	P
7439-95-4	Magnesium	1000	5000		U		P
7439-96-5	Manganese	3.0	15.0		U		P
7440-23-5	Sodium	1000	5000	2090	I		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	5.0	20.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1FB11040601

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-09

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS S1FD11040601

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-10

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	87.3	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	12.2	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	539000		J4	P
7440-70-2	Calcium	5000	25000	435000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1310000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	70.0	100		U		P
7440-23-5	Sodium	200000	1000000	10900000			P
7440-28-0	Thallium	3.0	10.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and zinc MDLs increased due to negative bias.

SMG 12/6/06

USEPA - 7470A

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1FD11040601

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-10

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-01

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	382		J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	32.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0	21.1	I		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0	6.6			P
7440-36-0	Antimony	5.0	60.0	25.4	I		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100	19.0	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-70-2	Calcium	25000	125000	569000			P
7440-09-7	Potassium	25000	125000	547000		J4	P
7439-89-6	Iron	150	500	1150			P
7439-95-4	Magnesium	5000	25000	1510000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100	40.5	I		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-23-5	Sodium	200000	1000000	12300000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-01

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-02

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	59.6	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	26.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0	7.1	I		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0	2.9	I		P
7440-36-0	Antimony	5.0	60.0	8.1	I		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	464000		J4	P
7440-70-2	Calcium	5000	25000	406000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1150000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	55.0	100		U		P
7440-23-5	Sodium	200000	1000000	9620000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Zinc MDL increased due to negative bias. SDMO 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-02

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS S1-SW-04-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-03

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	149	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.7	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0	17.3	I		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0	12.5			P
7440-36-0	Antimony	5.0	60.0	7.5	I		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	516000		J4	P
7440-70-2	Calcium	5000	25000	420000			P
7439-89-6	Iron	150	500	397	I		P
7439-95-4	Magnesium	5000	25000	1250000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	45.0	100		U		P
7440-23-5	Sodium	200000	1000000	10400000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Zinc MDL increased due to negative bias. SWG 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-03

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-04

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	58.8	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	12.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0	1.6	I		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	509000		J4	P
7440-70-2	Calcium	5000	25000	421000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1270000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	65.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-23-5	Sodium	200000	1000000	10400000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and zinc MDLs increased due to negative bias. SM 6 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-04

Level (low/med): LOW Date Sampled: 11/03/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS S1-SW-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-05

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	155	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	11.9	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	531000		J4	P
7440-70-2	Calcium	5000	25000	429000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1280000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	65.0	100		U		P
7440-23-5	Sodium	200000	1000000	10800000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and zinc MDLs increased due to negative bias. sma 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-06-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-05

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS S1-SW-07-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-06

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	91.4	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	12.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	529000		J4	P
7440-70-2	Calcium	5000	25000	432000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1290000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	70.0	100		U		P
7440-23-5	Sodium	200000	1000000	10800000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and zinc MDLs increased due to negative bias. SMG 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS SI-SW-07-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-06

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-07

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200		U	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	12.0	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	534000		J4	P
7440-70-2	Calcium	5000	25000	433000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1300000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	70.0	100		U		P
7440-23-5	Sodium	200000	1000000	10900000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and Zinc MDLs increased due to negative bias. gmc 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-07

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS S1-SW-09-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-08

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	106	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	12.5	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	543000		J4	P
7440-70-2	Calcium	5000	25000	441000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1330000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	65.0	100		U		P
7440-23-5	Sodium	200000	1000000	11200000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and Zinc MDLs increased due to negative bias. SMO 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-08

Level (low/med): LOW Date Sampled: 11/04/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5FD11060601

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-16

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	58.9	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	5.9	I		P
7440-70-2	Calcium	1000	5000	98100			P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30	100		U		P
7439-95-4	Magnesium	1000	5000	213000			P
7439-96-5	Manganese	4.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	5.0	20.0		U		P
7440-23-5	Sodium	25000	125000	1720000			P
7440-09-7	Potassium	2000	10000	95700		J4	P
7440-41-7	Beryllium	0.25	5.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese MDL increased due to negative bias. smw 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5FD11060601

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-16

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-11

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	53.1	I	J3	P
7440-38-2	Arsenic	3.0	10.0	4.1	I		P
7440-39-3	Barium	5.0	200	6.5	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-70-2	Calcium	1000	5000	96500			P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100		U		P
7439-95-4	Magnesium	1000	5000	211000			P
7439-96-5	Manganese	3.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	5.0	20.0		U		P
7440-23-5	Sodium	25000	125000	1810000			P
7440-09-7	Potassium	2000	10000	93200		J4	P
7440-28-0	Thallium	3.0	10.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-01-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-11

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-12

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	51.6	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	6.0	I		P
7440-70-2	Calcium	1000	5000	98600			P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100		U		P
7439-95-4	Magnesium	1000	5000	221000			P
7439-96-5	Manganese	4.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	5.0	20.0	67.9			P
7440-23-5	Sodium	25000	125000	1840000			P
7440-09-7	Potassium	2000	10000	101000		J4	P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-28-0	Thallium	3.0	10.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese MDL increased due to negative bias. SMG 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-12

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-13

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	62.7	I	J3	P
7440-38-2	Arsenic	3.0	10.0	3.7	I		P
7440-39-3	Barium	5.0	200	9.9	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	519000		J4	P
7440-70-2	Calcium	5000	25000	419000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1270000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	60.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-23-5	Sodium	200000	1000000	10600000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and Zinc MDLs increased due to negative bias. sng/gulou

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-13

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-14

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	68.5	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	9.9	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	517000		J4	P
7440-70-2	Calcium	5000	25000	420000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1270000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	65.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-23-5	Sodium	200000	1000000	10700000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and Zinc MDLs increased due to negative bias. sgf 12/12/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-14

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-15

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U	J3	P
7429-90-5	Aluminum	50.0	200	69.8	I	J3	P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	9.8	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	10000	50000	518000		J4	P
7440-70-2	Calcium	5000	25000	419000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1260000			P
7439-96-5	Manganese	25.0	75.0		U		P
7440-66-6	Zinc	65.0	100		U		P
7440-23-5	Sodium	200000	1000000	10700000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: Manganese and Zinc MDLs increased due to negative bias. SDMG 12/6/06

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-05-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST02

Matrix: WATER Lab Sample ID: 0611057-15

Level (low/med): LOW Date Sampled: 11/06/06

% Solids: 0 Date Received: 11/07/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

APPENDIX C
SUPPORT DOCUMENTATION

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1162006-1

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	KEY WEST NAS	Chuck Bryan	Federal Express	Empirical Laboratories 227 French Landing Drive, Suite 550 Nashville, TN 37228
	Turn Around Time: Standard	Field Ops Leader: Gary Braganza	Carrier/Waybill No. 8566-7032-5710	Point of Contact: Marcia McGinnity (615) 345-1119 x232

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11-3	S1-SD-01-00-1106	13:55	SW-846 6020	S1-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-01
	S1-SD-01-00-1106	13:55	SW-846 8081 / 8270C	S1-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-02-00-1106	14:30	SW-846 6020	S1-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	02
	S1-SD-02-00-1106	14:30	SW-846 8081 / 8270C	S1-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-03-00-1106	15:25	SW-846 6020	S1-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	03
	S1-SD-03-00-1106	15:25	SW-846 8081 / 8270C	S1-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-04-00-1106	16:35	SW-846 6020	S1-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	04
	S1-SD-04-00-1106	16:35	SW-846 8081 / 8270C	S1-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-05-00-1106	16:53	SW-846 8081 / 8270C	S1-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	05
	S1-SD-05-00-1106	16:53	SW-846 6020	S1-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-01-00-1106	13:30	SW-846 6020	S1-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-01
	S1-SW-01-00-1106	13:30	SW-846 8081 / 8270C	S1-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-03-00-1106	15:10	SW-846 8081 / 8270C	S1-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	02
	S1-SW-03-00-1106	15:10	SW-846 6020	S1-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	
	S1-SW-04-00-1106	16:27	SW-846 6020	S1-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	03
	S1-SW-04-00-1106	16:27	SW-846 8081 / 8270C	S1-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-05-00-1106	16:50	SW-846 6020	S1-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	04
	S1-SW-05-00-1106	16:50	SW-846 8081 / 8270C	S1-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
11-4	S1-SD-06-00-1106	12:51	SW-846 6020	S1-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-06
	S1-SD-06-00-1106	12:51	SW-846 8081 / 8270C	S1-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	07
	S1-SD-07-00-1106	11:57	SW-846 6020	S1-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-08-00-1106	10:20	SW-846 6020	S1-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	08
	S1-SD-08-00-1106	10:20	SW-846 8081 / 8270C	S1-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SD-09-00-1106	09:35	SW-846 6020	S1-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	09
	S1-SD-09-00-1106	09:35	SW-846 8081 / 8270C	S1-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	
	S1-SW-06-00-1106	12:47	SW-846 6020	S1-SW/SD-06	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	0611057-05
	S1-SW-06-00-1106	12:47	SW-846 8081 / 8270C	S1-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	
	S1-SW-07-00-1106	11:45	SW-846 6020	S1-SW/SD-07	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	

11-4	S1-SW-07-00-1106	11:57	SW-846 8081 / 8270C	S1-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611057-06
	S1-SW-08-00-1106	10:10	SW-846 6020	S1-SW/SD-08	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		07
	S1-SW-08-00-1106	10:10	SW-846 8081 / 8270C	S1-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1-SW-09-00-1106	09:24	SW-846 6020	S1-SW/SD-09	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		08
	S1-SW-09-00-1106	09:24	SW-846 8081 / 8270C	S1-SW/SD-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FB11040601	13:45	SW-846 6020	QC	AQ	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	Field Blank	09
	S1FB11040601	13:45	SW-846 8081 / 8270C	QC	AQ	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Field Blank	
	S1FD11040601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		10
	S1FD11040601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S1FD11040602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056-10	
	S1FD11040602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-01-00-1106	15:10	SW-846 8081 / 8270C	S2-SS-01	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		11
	S2-SS-01-00-1106	15:10	SW-846 6020	S2-SS-01	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-02-00-1106	15:25	SW-846 8081 / 8270C	S2-SS-02	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		12
	S2-SS-02-00-1106	15:25	SW-846 6020	S2-SS-02	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-03-00-1106	15:38	SW-846 8081 / 8270C	S2-SS-03	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		13
	S2-SS-03-00-1106	15:38	SW-846 6020	S2-SS-03	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-04-00-1106	15:55	SW-846 8081 / 8270C	S2-SS-04	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		14
	S2-SS-04-00-1106	15:55	SW-846 6020	S2-SS-04	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-05-00-1106	16:10	SW-846 8081 / 8270C	S2-SS-05	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		15
	S2-SS-05-00-1106	16:10	SW-846 6020	S2-SS-05	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-5	S2-SS-06-00-1106	08:25	SW-846 6020	S2-SS-06	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		16
	S2-SS-06-00-1106	08:25	SW-846 8081 / 8270C	S2-SS-06	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-07-00-1106	08:42	SW-846 6020	S2-SS-07	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		17
	S2-SS-07-00-1106	08:42	SW-846 8081 / 8270C	S2-SS-07	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-08-00-1106	09:05	SW-846 6020	S2-SS-08	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		18
	S2-SS-08-00-1106	09:05	SW-846 8081 / 8270C	S2-SS-08	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-09-00-1106	09:15	SW-846 8081 / 8270C	S2-SS-09	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		19
	S2-SS-09-00-1106	09:15	SW-846 6020	S2-SS-09	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-10-00-1106	09:30	SW-846 8081 / 8270C	S2-SS-10	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		20
	S2-SS-10-00-1106	09:30	SW-846 6020	S2-SS-10	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-11-00-1106	10:04	SW-846 8081 / 8270C	S2-SS-11	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		21
	S2-SS-11-00-1106	10:04	SW-846 6020	S2-SS-11	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-12-00-1106	10:20	SW-846 6020	S2-SS-12	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		22
	S2-SS-12-00-1106	10:20	SW-846 8081 / 8270C	S2-SS-12	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-13-00-1106	10:33	SW-846 6020	S2-SS-13	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		23
	S2-SS-13-00-1106	10:33	SW-846 8081 / 8270C	S2-SS-13	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-14-00-1106	10:51	SW-846 8081 / 8270C	S2-SS-14	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		24
	S2-SS-14-00-1106	10:51	SW-846 6020	S2-SS-14	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-15-00-1106	11:12	SW-846 8081 / 8270C	S2-SS-15	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	25
	S2-SS-15-00-1106	11:12	SW-846 6020	S2-SS-15	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-16-00-1106	11:31	SW-846 8081 / 8270C	S2-SS-16	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		26
	S2-SS-16-00-1106	11:31	SW-846 6020	S2-SS-16	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-17-00-1106	14:00	SW-846 6020	S2-SS-17	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		27
	S2-SS-17-00-1106	14:00	SW-846 8081 / 8270C	S2-SS-17	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-18-00-1106	14:10	SW-846 6020	S2-SS-18	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		28
	S2-SS-18-00-1106	14:10	SW-846 8081 / 8270C	S2-SS-18	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		

11-5	S2-SS-19-00-1106	14:25	SW-846 6020	S2-SS-19	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 29	
	S2-SS-19-00-1106	14:25	SW-846 8081 / 8270C	S2-SS-19	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-20-00-1106	14:40	SW-846 8081 / 8270C	S2-SS-20	SO	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	30
	S2-SS-20-00-1106	14:40	SW-846 6020	S2-SS-20	SO	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	
	S2-SS-21-00-1106	15:05	SW-846 6020	S2-SS-21	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		31
	S2-SS-21-00-1106	15:05	SW-846 8081 / 8270C	S2-SS-21	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2-SS-22-00-1106	15:29	SW-846 6020	S2-SS-22	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		32
	S2-SS-22-00-1106	15:29	SW-846 8081 / 8270C	S2-SS-22	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S2FD11050601	00:00	SW-846 6020	QC	SO	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		33
	S2FD11050601	00:00	SW-846 8081 / 8270C	QC	SO	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
11-6	S5-SD-01-00-1106	10:20	SW-846 6020	S5-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-01-00-1106	10:20	SW-846 8081 / 8270C	S5-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		34
	S5-SD-02-00-1106	10:55	SW-846 8081 / 8270C	S5-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-02-00-1106	10:55	SW-846 6020	S5-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		35
	S5-SD-03-00-1106	13:57	SW-846 8081 / 8270C	S5-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		
	S5-SD-03-00-1106	13:57	SW-846 6020	S5-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	36
	S5-SD-04-00-1106	14:29	SW-846 8081 / 8270C	S5-SW/SD-04	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-04-00-1106	14:29	SW-846 6020	S5-SW/SD-04	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	37
	S5-SD-05-00-1106	15:03	SW-846 6020	S5-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
	S5-SD-05-00-1106	15:03	SW-846 8081 / 8270C	S5-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	38
	S5-SW-01-00-1106	10:15	SW-846 6020	S5-SW/SD-01	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE	used 8oz - no 4 oz available	
	S5-SW-01-00-1106	10:15	SW-846 8081 / 8270C	S5-SW/SD-01	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	0611057 - 11	
	S5-SW-02-00-1106	10:50	SW-846 8081 / 8270C	S5-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5-SW-02-00-1106	10:50	SW-846 6020	S5-SW/SD-02	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		12
	S5-SW-03-00-1106	13:52	SW-846 6020	S5-SW/SD-03	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-03-00-1106	13:52	SW-846 8081 / 8270C	S5-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		13
	S5-SW-04-00-1106	14:26	SW-846 6020	S5-SW/SD-04	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-04-00-1106	14:26	SW-846 8081 / 8270C	S5-SW/SD-04	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		14
	S5-SW-05-00-1106	15:00	SW-846 6020	S5-SW/SD-05	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		
	S5-SW-05-00-1106	15:00	SW-846 8081 / 8270C	S5-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		15
	S5FD11060601	00:00	SW-846 8081 / 8270C	QC	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
	S5FD11060601	00:00	SW-846 6020	QC	SW	TAL Metals + Tin	4°C/HNO3	1	Plastic	500ml PE		16
	S5FD11060602	00:00	SW-846 8081 / 8270C	QC	SD	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap	0611056 - 39	
	S5FD11060602	00:00	SW-846 6020	QC	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	

1. Relinquished By: John Wright	Date: 11/06/2006	Time: 17:00	Received By: Federal Express	Date: 11/06/2006	Time: 17:00
2. Relinquished By:	Date:	Time:	Received By: Andy Barton	Date: 11/7/06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 30

HOLDTIME

SDG KEYWEST02

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
HG	UG/L	S1FB11040601	0611057-09	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10
HG	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
HG	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
HG	UG/L	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
HG	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
HG	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10
HG	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10
HG	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10
HG	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10
HG	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/15/2006	11/14/2006	12	-1	11
HG	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/15/2006	11/14/2006	12	-1	11
HG	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/15/2006	11/14/2006	12	-1	11
HG	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/15/2006	11/14/2006	12	-1	11
HG	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/15/2006	11/14/2006	11	-1	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/15/2006	11/14/2006	9	-1	8
M	UG/L	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	12/4/2006	4	24	28
M	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	11/22/2006	4	12	16
M	UG/L	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1-SW-09-00-1106	0611057-08	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/10/2006	11/21/2006	4	11	15
M	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	11/21/2006	4	11	15
M	UG/L	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	12/4/2006	4	24	28
M	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/10/2006	11/21/2006	4	11	15
M	UG/L	S5-SW-03-00-1106	0611057-13	NM	11/6/2006	11/10/2006	11/27/2006	4	17	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/14/2006	4	4	8
M	UG/L	S1-SW-08-00-1106	0611057-07	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/27/2006	4	17	21
M	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/10/2006	11/14/2006	7	4	11
M	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/22/2006	4	12	16
M	UG/L	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/22/2006	4	12	16
M	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/10/2006	11/14/2006	7	4	11
M	UG/L	S1FB11040601	0611057-09	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1FD11040601	0611057-10	NM	11/4/2006	11/10/2006	12/4/2006	6	24	30
M	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/10/2006	11/14/2006	7	4	11
M	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
M	UG/L	S1-SW-01-00-1106	0611057-01	NM	11/3/2006	11/10/2006	11/27/2006	7	17	24
M	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/10/2006	11/14/2006	7	4	11
M	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/10/2006	11/27/2006	7	17	24
M	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/10/2006	11/27/2006	7	17	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
M	UG/L	S1-SW-04-00-1106	0611057-03	NM	11/3/2006	11/10/2006	11/27/2006	7	17	24
M	UG/L	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/27/2006	4	17	21
M	UG/L	S1-SW-05-00-1106	0611057-04	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1-SW-06-00-1106	0611057-05	NM	11/4/2006	11/10/2006	11/27/2006	6	17	23
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/14/2006	6	4	10
M	UG/L	S1-SW-07-00-1106	0611057-06	NM	11/4/2006	11/10/2006	11/21/2006	6	11	17
M	UG/L	S1-SW-03-00-1106	0611057-02	NM	11/3/2006	11/10/2006	11/21/2006	7	11	18
OS	%	S1FD11040601	0611057-10	NM	11/4/2006	11/8/2006	11/16/2006	4	8	12
OS	%	S5-SW-01-00-1106	0611057-11	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S1FB11040601	0611057-09	NM	11/4/2006	11/8/2006	11/15/2006	4	7	11
OS	%	S5-SW-05-00-1106	0611057-15	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5-SW-04-00-1106	0611057-14	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5-SW-02-00-1106	0611057-12	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10
OS	%	S5FD11060601	0611057-16	NM	11/6/2006	11/10/2006	11/16/2006	4	6	10

Batching Information

SDG No.: KeyWest02
Contract: Tetra Tech NUS, Inc.

Batch Number: ICP111006A – ICP Metals

PBW111006A	PBW111006A	MB	WATER
LCSW111006A	LCSW111006A	LCS	WATER
0611057-01	S1-SW-01-00-1106	SAM	WATER
0611057-02	S1-SW-03-00-1106	SAM	WATER
0611057-03	S1-SW-04-00-1106	SAM	WATER
0611057-04	S1-SW-05-00-1106	SAM	WATER
0611057-05	S1-SW-06-00-1106	SAM	WATER
0611057-06	S1-SW-07-00-1106	SAM	WATER
0611057-07	S1-SW-08-00-1106	SAM	WATER
0611057-08	S1-SW-09-00-1106	SAM	WATER
0611057-09	S1FB11040601	SAM	WATER
0611057-10	S1FD11040601	SAM	WATER
0611057-11	S5-SW-01-00-1106	SAM	WATER
0611057-12	S5-SW-02-00-1106	SAM	WATER
0611057-13	S5-SW-03-00-1106	SAM	WATER
0611057-13S	S5-SW-03-00-1106S	MS	WATER
0611057-13SD	S5-SW-03-00-1106SD	MSD	WATER
0611057-14	S5-SW-04-00-1106	SAM	WATER
0611057-15	S5-SW-05-00-1106	SAM	WATER
0611057-16	S5FD11060601	SAM	WATER

Batch Number: HG111506B – Mercury

PBW111506B	PBW111506B	MB	WATER
LCSW111506B	LCSW111506B	LCS	WATER
0611057-01	S1-SW-01-00-1106	SAM	WATER
0611057-02	S1-SW-03-00-1106	SAM	WATER
0611057-03	S1-SW-04-00-1106	SAM	WATER
0611057-04	S1-SW-05-00-1106	SAM	WATER
0611057-05	S1-SW-06-00-1106	SAM	WATER
0611057-06	S1-SW-07-00-1106	SAM	WATER
0611057-07	S1-SW-08-00-1106	SAM	WATER
0611057-08	S1-SW-09-00-1106	SAM	WATER

Batch Number: HG111506C – Mercury

PBW111506C	PBW111506C	MB	WATER
LCSW111506C	LCSW111506C	LCS	WATER
0611057-09	S1FB11040601	SAM	WATER
0611057-10	S1FD11040601	SAM	WATER
0611057-11	S5-SW-01-00-1106	SAM	WATER
0611057-11S	S5-SW-01-00-1106S	MS	WATER
0611057-11SD	S5-SW-01-00-1106SD	MSD	WATER
0611057-12	S5-SW-02-00-1106	SAM	WATER
0611057-13	S5-SW-03-00-1106	SAM	WATER
0611057-14	S5-SW-04-00-1106	SAM	WATER
0611057-15	S5-SW-05-00-1106	SAM	WATER
0611057-16	S5FD11060601	SAM	WATER

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 02
Work Order # 0611057
November, 2006

Empirical Laboratories ID	Client ID
0611057-01	Sl-SW-01-00-1106
0611057-02	Sl-SW-03-00-1106
0611057-03	Sl-SW-04-00-1106
0611057-04	Sl-SW-05-00-1106
0611057-05	Sl-SW-06-00-1106
0611057-06	Sl-SW-07-00-1106
0611057-07	Sl-SW-08-00-1106
0611057-08	Sl-SW-09-00-1106
0611057-09	SlFB11040601
0611057-10	SlFD11040601
0611057-11	S5-SW-01-00-1106
0611057-12	S5-SW-02-00-1106
0611057-13	S5-SW-03-00-1106
0611057-14	S5-SW-04-00-1106
0611057-15	S5-SW-05-00-1106
0611057-16	S5FD11060601

I certify that, based upon my inquiry of those individuals immediately responsible for obtaining the information and to the best of my knowledge, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Betty DeVille
Inorganic Lab Manager

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

The samples were digested by USEPA SW846 method 3005A and analyzed by method 6010B.

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 02
Work Order # 0611057
November, 2006

Method 7470A was used to analyze Mercury. Note: The "I" flag indicates that the analyte result is between the laboratory reporting limit and the laboratory MDL. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

IV. PREPARATION

The sample was digested by USEPA Method 3005A. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

V. ANALYSIS

11/14/06, 11/21/06, 11/27/06, 12/04/06 (ICAP Metals); 11/17/06 (Mercury)

A. Calibration: All calibration criteria were met.

B. Blanks: All blank criteria were met with the following exceptions: The third and fifth CCB in the first ICAP analysis was out of the specification limits of (< ±MDL) for thallium at 3.9 and 3.4 ug/L. The fourth and fifth CCB in this run was out of the specification limits for beryllium at 0.28 and 0.25 ug/L. All samples impacted were reanalyzed.

The sixth and eighth CCB in the second ICAP analysis was out of the specification limits for thallium at 3.8 and 3.9 ug/L. All sample concentrations were less than the MDL. There was no impact to the sample data.

C. Spikes: All matrix spikes quality control criteria were met with the following exceptions: The matrix spike and matrix spike duplicate was out of the specification limits for aluminum at 125.7 and 125.6% and for silver at 126.6 and 126.4% on sample S5-SW-03-00-1106. The post digestion spike recovery was at 128.2 for aluminum and 126.9% for silver. **All associated data is flagged with a "J3" on the final report.** Note: Calcium, magnesium, potassium and sodium were over the linear range and the sample concentration was greater four times the spike concentration so the samples would not be flagged and matrix spike data could not be reported. Also, magnesium has an IEC affect on iron, manganese and zinc and these metals cannot be reported from the undiluted portion. Since the diluted portion dilutes the concentration of the spike, no matrix spike data is reported for these metals.

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 02
Work Order # 0611057
November, 2006

D. Duplicates: All duplicate quality control criteria were met.

E. Serial Dilutions: All serial dilution quality control criteria were met with the following exception: The serial dilution for potassium was out of the specification limit of (<10% when the sample concentration is >50X the IDL) at 19.4% on sample S5-SW-03-00-1106. **All associated data is flagged with a "J4" on the final report.**

F. Samples: All sample analysis proceeded normally with the following exception: Several samples had negative results for manganese and zinc due to matrix. The MDL was raised when this occurred. These samples are noted in the comments section of the form one.

G. Laboratory Control Samples: All percent recovery quality control criteria were met.

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S1-SW-01-00-1106	0611057-01
S1-SW-03-00-1106	0611057-02
S1-SW-04-00-1106	0611057-03
S1-SW-05-00-1106	0611057-04
S1-SW-06-00-1106	0611057-05
S1-SW-07-00-1106	0611057-06
S1-SW-08-00-1106	0611057-07
S1-SW-09-00-1106	0611057-08
S1FB11040601	0611057-09
S1FD11040601	0611057-10
S5-SW-01-00-1106	0611057-11
S5-SW-01-00-1106S	0611057-11S
S5-SW-01-00-1106SD	0611057-11SD
S5-SW-02-00-1106	0611057-12
S5-SW-03-00-1106	0611057-13
S5-SW-03-00-1106S	0611057-13S
S5-SW-03-00-1106SD	0611057-13SD
S5-SW-04-00-1106	0611057-14
S5-SW-05-00-1106	0611057-15
S5FD11060601	0611057-16

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

Date: _____ Title: Vice-President

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10635.43	106.4	10000.0	10695.42	107.0	10873.25	108.7	P
Antimony	1000.0	970.21	97.0	1000.0	1006.43	100.6	1015.67	101.6	P
Arsenic	1000.0	1024.97	102.5	1000.0	1033.91	103.4	1045.39	104.5	P
Barium	1000.0	990.80	99.1	1000.0	994.80	99.5	1003.36	100.3	P
Beryllium	1000.0	1061.58	106.2	1000.0	1063.75	106.4	1067.31	106.7	P
Cadmium	1000.0	1064.39	106.4	1000.0	1040.04	104.0	1045.14	104.5	P
Calcium	1000.0	1044.77	104.5	1000.0	1008.10	100.8	988.01	98.8	P
Chromium	1000.0	1021.94	102.2	1000.0	1021.08	102.1	1028.38	102.8	P
Cobalt	1000.0	1003.76	100.4	1000.0	1005.98	100.6	1010.18	101.0	P
Copper	1000.0	1009.83	101.0	1000.0	1022.61	102.3	1036.08	103.6	P
Iron	10000.0	10297.34	103.0	10000.0	10351.01	103.5	10462.47	104.6	P
Lead	1000.0	1014.81	101.5	1000.0	1018.26	101.8	1023.53	102.4	P
Magnesium	1000.0	954.59	95.5	1000.0	968.26	96.8	980.03	98.0	P
Manganese	1000.0	1025.48	102.5	1000.0	1044.56	104.5	1054.16	105.4	P
Mercury	4.0	3.95	98.8	2.0	1.98	99.0	1.98	99.0	AV
Nickel	1000.0	1008.94	100.9	1000.0	1024.31	102.4	1026.70	102.7	P
Potassium	10000.0	9654.95	96.5	10000.0	9780.17	97.8	9856.28	98.6	P
Selenium	1000.0	1043.13	104.3	1000.0	1039.85	104.0	1060.73	106.1	P
Silver	500.0	489.37	97.9	500.0	488.26	97.7	492.41	98.5	P
Sodium	11000.0	10949.75	99.5	11000.0	10962.44	99.7	11047.86	100.4	P
Thallium	1000.0	982.74	98.3	1000.0	1019.30	101.9	1022.26	102.2	P
Tin	1000.0	991.01	99.1	1000.0	974.02	97.4	974.70	97.5	P
Vanadium	1000.0	1016.36	101.6	1000.0	1021.11	102.1	1028.76	102.9	P
Zinc	1000.0	1036.57	103.7	1000.0	1032.35	103.2	1032.27	103.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10785.53	107.9	10725.53	107.3	P
Antimony				1000.0	971.42	97.1	967.09	96.7	P
Arsenic				1000.0	1021.18	102.1	1019.26	101.9	P
Barium				1000.0	986.16	98.6	984.25	98.4	P
Beryllium				1000.0	1021.65	102.2	1016.44	101.6	P
Cadmium				1000.0	1036.94	103.7	1030.16	103.0	P
Calcium				1000.0	951.57	95.2	931.45	93.1	P
Chromium				1000.0	1005.21	100.5	1003.02	100.3	P
Cobalt				1000.0	970.39	97.0	965.01	96.5	P
Copper				1000.0	1019.26	101.9	1016.60	101.7	P
Iron				10000.0	10184.54	101.8	10191.67	101.9	P
Lead				1000.0	995.93	99.6	990.39	99.0	P
Magnesium				1000.0	953.56	95.4	948.67	94.9	P
Manganese				1000.0	1015.99	101.6	1015.99	101.6	P
Mercury				4.0	4.03	100.8	4.08	102.0	AV
Nickel				1000.0	989.46	98.9	986.44	98.6	P
Potassium				10000.0	9744.89	97.4	9670.82	96.7	P
Selenium				1000.0	1045.55	104.6	1038.71	103.9	P
Silver				500.0	480.79	96.2	479.37	95.9	P
Sodium				11000.0	11341.75	103.1	11205.32	101.9	P
Thallium				1000.0	962.57	96.3	956.78	95.7	P
Tin				1000.0	945.88	94.6	941.50	94.2	P
Vanadium				1000.0	1007.17	100.7	1006.70	100.7	P
Zinc				1000.0	988.27	98.8	983.18	98.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10647.35	106.5			P
Antimony				1000.0	966.55	96.7			P
Arsenic				1000.0	1016.20	101.6			P
Barium				1000.0	982.27	98.2			P
Beryllium				1000.0	1016.89	101.7			P
Cadmium				1000.0	1032.53	103.3			P
Calcium				1000.0	918.29	91.8			P
Chromium				1000.0	1002.55	100.3			P
Cobalt				1000.0	966.93	96.7			P
Copper				1000.0	1012.63	101.3			P
Iron				10000.0	10191.19	101.9			P
Lead				1000.0	989.85	99.0			P
Magnesium				1000.0	952.37	95.2			P
Manganese				1000.0	1016.76	101.7			P
Mercury				2.0	1.98	99.0	1.99	99.5	AV
Nickel				1000.0	987.29	98.7			P
Potassium				10000.0	9597.20	96.0			P
Selenium				1000.0	1037.41	103.7			P
Silver				500.0	478.66	95.7			P
Sodium				11000.0	10898.25	99.1			P
Thallium				1000.0	958.99	95.9			P
Tin				1000.0	945.42	94.5			P
Vanadium				1000.0	1006.52	100.7			P
Zinc				1000.0	987.93	98.8			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium	1000.0	1065.18	106.5	1000.0	1064.67	106.5	1015.87	101.6	P
Iron	10000.0	10450.02	104.5	10000.0	10408.14	104.1	10360.93	103.6	P
Magnesium	1000.0	953.32	95.3	1000.0	951.66	95.2	953.49	95.3	P
Manganese	1000.0	1022.87	102.3	1000.0	1036.71	103.7	1029.00	102.9	P
Potassium	10000.0	9740.13	97.4	10000.0	9869.33	98.7	9848.93	98.5	P
Sodium	11000.0	11007.76	100.1	11000.0	10992.97	99.9	11185.01	101.7	P
Thallium	1000.0	982.05	98.2	1000.0	1009.49	100.9	989.16	98.9	P
Zinc	1000.0	1025.93	102.6	1000.0	1018.29	101.8	987.47	98.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	1015.16	101.5	1001.44	100.1	P
Iron				10000.0	10344.64	103.4	10345.33	103.5	P
Magnesium				1000.0	950.70	95.1	948.60	94.9	P
Manganese				1000.0	1028.90	102.9	1032.73	103.3	P
Potassium				10000.0	9783.76	97.8	9856.13	98.6	P
Sodium				11000.0	10917.70	99.3	11062.44	100.6	P
Thallium				1000.0	986.41	98.6	998.47	99.8	P
Zinc				1000.0	987.99	98.8	986.52	98.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	983.53	98.4	1025.85	102.6	P
Iron				10000.0	10280.38	102.8	10566.67	105.7	P
Magnesium				1000.0	942.27	94.2	969.15	96.9	P
Manganese				1000.0	1027.61	102.8	1051.87	105.2	P
Potassium				10000.0	9806.14	98.1	10049.19	100.5	P
Sodium				11000.0	10905.50	99.1	11419.31	103.8	P
Thallium				1000.0	990.31	99.0	1010.34	101.0	P
Zinc				1000.0	978.02	97.8	1001.83	100.2	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	989.72	99.0	1016.58	101.7	P
Iron				10000.0	10268.57	102.7	10398.08	104.0	P
Magnesium				1000.0	941.46	94.1	941.81	94.2	P
Manganese				1000.0	1021.83	102.2	1020.31	102.0	P
Potassium				10000.0	9722.53	97.2	9367.56	93.7	P
Sodium				11000.0	11109.26	101.0	10375.29	94.3	P
Thallium				1000.0	976.74	97.7	961.02	96.1	P
Zinc				1000.0	975.42	97.5	1000.90	100.1	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard, Spex

Continuing Calibration Source: Spex, Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Calcium				1000.0	1026.89	102.7			P
Iron				10000.0	10430.25	104.3			P
Magnesium				1000.0	931.59	93.2			P
Manganese				1000.0	1024.50	102.4			P
Potassium				10000.0	8552.70	85.5			P
Sodium				11000.0	9163.35	83.3			P
Thallium				1000.0	959.21	95.9			P
Zinc				1000.0	1013.17	101.3			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium	11000.0	10857.27	98.7	11000.0	11011.81	100.1	10942.71	99.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium				11000.0	11066.36	100.6	11093.53	100.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				11000.0	11098.68	100.9			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Beryllium	1000.0	1055.09	105.5	1000.0	1064.51	106.5	1063.51	106.4	P
Calcium	1000.0	1027.79	102.8	1000.0	1019.08	101.9	989.02	98.9	P
Iron	10000.0	10198.57	102.0	10000.0	10257.22	102.6	10292.38	102.9	P
Magnesium	1000.0	944.59	94.5	1000.0	956.77	95.7	962.30	96.2	P
Manganese	1000.0	1014.30	101.4	1000.0	1037.14	103.7	1041.55	104.2	P
Potassium	10000.0	9634.63	96.3	10000.0	9592.77	95.9	9766.91	97.7	P
Thallium	1000.0	977.17	97.7	1000.0	1021.72	102.2	1030.35	103.0	P
Zinc	1000.0	1018.94	101.9	1000.0	1028.84	102.9	1026.54	102.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Beryllium				1000.0	1066.95	106.7	1079.05	107.9	P
Calcium				1000.0	995.45	99.5	1059.99	106.0	P
Iron				10000.0	10310.58	103.1	10367.24	103.7	P
Magnesium				1000.0	959.77	96.0	958.34	95.8	P
Manganese				1000.0	1039.62	104.0	1046.19	104.6	P
Potassium				10000.0	9794.52	97.9	9756.16	97.6	P
Thallium				1000.0	1026.07	102.6	1025.56	102.6	P
Zinc				1000.0	1030.37	103.0	1039.56	104.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U	0.250	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Copper	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	30.000	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	1.500	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Mercury	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.9	I	3.000	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			5.0	U	5.0	U					P
Arsenic			3.0	U	3.0	U					P
Barium			5.0	U	5.0	U					P
Beryllium			0.28	I	0.25	I					P
Cadmium			1.0	U	1.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			2.0	U	2.0	U					P
Cobalt			5.0	U	5.0	U					P
Copper			3.0	U	3.0	U					P
Iron			30.0	U	30.0	U					P
Lead			1.5	U	1.5	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			3.0	U	3.0	U					P
Mercury			0.080	U	0.080	U	0.080	U	0.080	U	AV
Nickel			5.0	U	5.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			3.0	U	3.0	U					P
Silver			1.0	U	1.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			3.0	U	3.4	I					P
Tin			10.0	U	10.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			5.0	U	5.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) % 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Iron			30.0	U	30.0	U	30.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			3.0	U	3.0	U	3.8	I			P
Zinc			5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			1000.0	U	1000.0	U	1000.0	U			P
Iron			30.0	U	30.0	U	30.0	U			P
Magnesium			1000.0	U	1000.0	U	1000.0	U			P
Manganese			3.0	U	3.0	U	3.0	U			P
Potassium			1000.0	U	1000.0	U	1000.0	U			P
Sodium			1000.0	U	1000.0	U	1000.0	U			P
Thallium			3.0	U	3.9	I	3.0	U			P
Zinc			5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium			1000.0	U	1000.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Beryllium			0.25	U							P
Calcium			1000.0	U							P
Iron			30.0	U							P
Magnesium			1000.0	U							P
Manganese			3.0	U							P
Potassium			1000.0	U							P
Thallium			3.0	U							P
Zinc			5.0	U							P

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

ICP ID Number: TJA61E TRACE ICP Date: 03/08/06

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Aluminum	308.22		200.0	50.0	P
Antimony	206.84		60.0	5.0	P
Arsenic	189.04		10.0	3.0	P
Barium	493.41		200.0	5.0	P
Beryllium	313.04		5.0	0.25	P
Cadmium	226.50		5.0	1.0	P
Calcium	317.93		5000.0	1000.0	P
Chromium	267.72		10.0	2.0	P
Cobalt	228.62		50.0	5.0	P
Copper	324.75		25.0	3.0	P
Iron	271.44		100.0	30.0	P
Lead	220.35		3.0	1.5	P
Magnesium	279.08		5000.0	1000.0	P
Manganese	257.61		15.0	3.0	P
Nickel	231.60		40.0	5.0	P
Potassium	766.49		5000.0	1000.0	P
Selenium	196.02		5.0	3.0	P
Silver	328.07		10.0	1.0	P
Sodium	330.23		5000.0	1000.0	P
Thallium	190.86		10.0	3.0	P
Tin	189.99		100.0	10.0	P
Vanadium	292.40		50.0	5.0	P
Zinc	206.84		20.0	5.0	P

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

ICP ID Number: _____ Date: 03/14/06

Flame AA ID Number: PE CVAA

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Mercury	253.70		0.20	0.08	AV

Comments: _____

USEPA - CLP

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

ICP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000.0	P
Antimony	15.00	10000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	5000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	10000.0	P
Calcium	15.00	100000.0	P
Chromium	15.00	10000.0	P
Cobalt	15.00	10000.0	P
Copper	15.00	10000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	10000.0	P
Nickel	15.00	10000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	2000.0	P
Sodium	15.00	100000.0	P
Thallium	15.00	10000.0	P
Tin	15.00	25000.0	P
Vanadium	15.00	50000.0	P
Zinc	15.00	10000.0	P

Comments: _____

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW111006A	11/10/06	50.0	50.0
LCSW111006A	11/10/06	50.0	50.0
S1-SW-01-00-1106	11/10/06	50.0	50.0
S1-SW-03-00-1106	11/10/06	50.0	50.0
S1-SW-04-00-1106	11/10/06	50.0	50.0
S1-SW-05-00-1106	11/10/06	50.0	50.0
S1-SW-06-00-1106	11/10/06	50.0	50.0
S1-SW-07-00-1106	11/10/06	50.0	50.0
S1-SW-08-00-1106	11/10/06	50.0	50.0
S1-SW-09-00-1106	11/10/06	50.0	50.0
S1FB11040601	11/10/06	50.0	50.0
S1FD11040601	11/10/06	50.0	50.0
S5-SW-01-00-1106	11/10/06	50.0	50.0
S5-SW-02-00-1106	11/10/06	50.0	50.0
S5-SW-03-00-1106	11/10/06	50.0	50.0
S5-SW-03-00-1106S	11/10/06	50.0	50.0
S5-SW-03-00-1106SD	11/10/06	50.0	50.0
S5-SW-04-00-1106	11/10/06	50.0	50.0
S5-SW-05-00-1106	11/10/06	50.0	50.0
S5FD11060601	11/10/06	50.0	50.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW111506B	11/15/06	30.0	30.0
LCSW111506B	11/15/06	30.0	30.0
S1-SW-01-00-1106	11/15/06	30.0	30.0
S1-SW-03-00-1106	11/15/06	30.0	30.0
S1-SW-04-00-1106	11/15/06	30.0	30.0
S1-SW-05-00-1106	11/15/06	30.0	30.0
S1-SW-06-00-1106	11/15/06	30.0	30.0
S1-SW-07-00-1106	11/15/06	30.0	30.0
S1-SW-08-00-1106	11/15/06	30.0	30.0
S1-SW-09-00-1106	11/15/06	30.0	30.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW111506C	11/15/06	30.0	30.0
LCSW111506C	11/15/06	30.0	30.0
S1FB11040601	11/15/06	30.0	30.0
S1FD11040601	11/15/06	30.0	30.0
S5-SW-01-00-1106	11/15/06	30.0	30.0
S5-SW-01-00-1106S	11/15/06	30.0	30.0
S5-SW-01-00-1106SD	11/15/06	30.0	30.0
S5-SW-02-00-1106	11/15/06	30.0	30.0
S5-SW-03-00-1106	11/15/06	30.0	30.0
S5-SW-04-00-1106	11/15/06	30.0	30.0
S5-SW-05-00-1106	11/15/06	30.0	30.0
S5FD11060601	11/15/06	30.0	30.0

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/22/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1458																									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1511																									
ZZZZZZ	1.00	1517																									
ZZZZZZ	1.00	1523																									
ZZZZZZ	1.00	1530																									
ZZZZZZ	1.00	1539																									
ZZZZZZ	1.00	1546																									
ZZZZZZ	1.00	1552																									
ZZZZZZ	1.00	1558																									
ZZZZZZ	1.00	1605																									
ZZZZZZ	1.00	1611																									
ZZZZZZ	5.00	1619																									
CCV2	1.00	1627								X				X		X	X			X			X	X		X	
CCB2	1.00	1637								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1644																									
ZZZZZZ	1.00	1650																									
ZZZZZZ	1.00	1656																									
ZZZZZZ	1.00	1703																									
ZZZZZZ	1.00	1709																									
ZZZZZZ	1.00	1715																									
ZZZZZZ	1.00	1722																									
ZZZZZZ	1.00	1728																									
ZZZZZZ	1.00	1737																									
ZZZZZZ	1.00	1743																									
ZZZZZZ	1.00	1750																									
ZZZZZZ	1.00	1756																									
ICSA-1	1.00	1805								X				X		X	X			X			X	X		X	
ICSAB-1	1.00	1811								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1821																									
CCV3	1.00	1830								X				X		X	X			X			X	X		X	
CCB3	1.00	1840								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1846																									
S1-SW-01-00-1106	25.00	1852								X										X							
S1-SW-01-00-1106	5.00	1859												X		X	X									X	
S1-SW-01-00-1106	1.00	1905																						X			
ZZZZZZ	1.00	1913																									
S1-SW-03-00-1106	10.00	1919																		X							

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/22/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
S1-SW-03-00-1106	5.00	1925								X				X		X	X									X				
ZZZZZZ	1.00	1932																												
S1-SW-04-00-1106	10.00	1938																		X										
S1-SW-04-00-1106	5.00	1945								X				X		X	X									X				
CCV4	1.00	1953								X				X		X	X			X			X	X		X				
CCB4	1.00	2004								X				X		X	X			X			X	X		X				
ZZZZZZ	1.00	2011																												
S1-SW-05-00-1106	10.00	2017																		X										
S1-SW-05-00-1106	5.00	2024								X				X		X	X									X				
S1-SW-05-00-1106	1.00	2030																						X						
ZZZZZZ	1.00	2037																												
S1-SW-06-00-1106	10.00	2044																		X										
S1-SW-06-00-1106	5.00	2050								X				X		X	X									X				
ZZZZZZ	1.00	2057																												
S1-SW-07-00-1106	10.00	2103																		X										
S1-SW-07-00-1106	5.00	2109								X				X		X	X									X				
CCV5	1.00	2118								X				X		X	X			X			X	X		X				
CCB5	1.00	2128								X				X		X	X			X			X	X		X				
ZZZZZZ	1.00	2134																												
S1-SW-08-00-1106	10.00	2141																		X										
S1-SW-08-00-1106	5.00	2147								X				X		X	X									X				
ZZZZZZ	1.00	2153																												
S1-SW-09-00-1106	10.00	2200																		X										
S1-SW-09-00-1106	5.00	2206								X				X		X	X									X				
ZZZZZZ	1.00	2213																												
S1FD11040601	10.00	2219																		X										
S1FD11040601	5.00	2225								X				X		X	X									X				
ZZZZZZ	1.00	2232																												
CCV6	1.00	2242								X				X		X	X			X			X	X		X				
CCB6	1.00	2252								X				X		X	X			X			X	X		X				
S5-SW-01-00-1106	25.00	2258																					X							
S5-SW-01-00-1106	2.00	2304																		X										
S5-SW-01-00-1106	1.00	2311																						X						
S5-SW-02-00-1106	25.00	2317																					X							
S5-SW-02-00-1106	2.00	2323																		X										
ZZZZZZ	1.00	2330																												
S5-SW-03-00-1106	10.00	2336																		X										
S5-SW-03-00-1106	5.00	2343								X				X		X	X									X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/22/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S5-SW-03-00-1106	1.00	2349																					X				
ZZZZZZ	1.00	2356																										
CCV7	1.00	0005								X				X		X	X			X			X	X		X	
CCB7	1.00	0015								X				X		X	X			X			X	X		X	
S5-SW-04-00-1106	10.00	0022																		X							
S5-SW-04-00-1106	5.00	0028								X				X		X	X									X	
S5-SW-04-00-1106	1.00	0034																					X				
ZZZZZZ	1.00	0042																									
S5-SW-05-00-1106	10.00	0048																		X							
S5-SW-05-00-1106	5.00	0055								X				X		X	X									X	
S5FD11060601	25.00	0101																				X					
S5FD11060601	2.00	0107																		X							
CCV8	1.00	0117								X				X		X	X			X			X	X		X	
CCB8	1.00	0127								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	0134																									
ZZZZZZ	1.00	0140																									
ZZZZZZ	1.00	0150																									
ZZZZZZ	1.00	0156																									
ICSA-2	1.00	0205								X				X		X	X			X			X	X		X	
ICSAB-2	1.00	0212								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	0220																									
CCV9	1.00	0229								X				X		X	X			X			X	X		X	
CCB9	1.00	0240								X				X		X	X			X			X	X		X	

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0929																				X				
ZZZZZZ	1.00	0935																								
ZZZZZZ	1.00	0941																								
ZZZZZZ	1.00	0948																								
S	1.00	0953																				X				
ZZZZZZ	1.00	1004																								
ZZZZZZ	1.00	1011																								
ZZZZZZ	1.00	1022																								
ZZZZZZ	1.00	1029																								
ZZZZZZ	1.00	1037																								
ZZZZZZ	1.00	1044																								
ICV3	1.00	1054																				X				
ICB3	1.00	1105																				X				
ZZZZZZ	1.00	1111																								
ZZZZZZ	1.00	1141																								
ZZZZZZ	1.00	1147																								
ZZZZZZ	1.00	1154																								
ZZZZZZ	1.00	1200																								
ZZZZZZ	1.00	1206																								
CRDL1	1.00	1213																				X				
ZZZZZZ	1.00	1219																								
ZZZZZZ	1.00	1225																								
ZZZZZZ	1.00	1234																								
ZZZZZZ	1.00	1241																								
ZZZZZZ	1.00	1247																								
CCV1	1.00	1256																				X				
CCB1	1.00	1306																				X				
ZZZZZZ	1.00	1312																								
ZZZZZZ	1.00	1318																								
ZZZZZZ	1.00	1325																								
ZZZZZZ	1.00	1331																								
ZZZZZZ	1.00	1337																								
ZZZZZZ	1.00	1344																								
ZZZZZZ	1.00	1350																								
ZZZZZZ	1.00	1356																								
ZZZZZZ	1.00	1403																								
ZZZZZZ	1.00	1409																								
ZZZZZZ	1.00	1418																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1439																								
ZZZZZZ	1.00	1446																								
ZZZZZZ	1.00	1452																								
ZZZZZZ	1.00	1458																								
ZZZZZZ	1.00	1505																								
ZZZZZZ	1.00	1511																								
ZZZZZZ	1.00	1517																								
ZZZZZZ	1.00	1524																								
ZZZZZZ	1.00	1530																								
ZZZZZZ	1.00	1536																								
ZZZZZZ	1.00	1543																								
ZZZZZZ	1.00	1549																								
ZZZZZZ	5.00	1557																								
ZZZZZZ	1.00	1611																								
ZZZZZZ	1.00	1619																								
ZZZZZZ	1.00	1628																								
ZZZZZZ	1.00	1634																								
ZZZZZZ	1.00	1643																								
ZZZZZZ	1.00	1702																								
ZZZZZZ	1.00	1708																								
ZZZZZZ	1.00	1714																								
ZZZZZZ	1.00	1721																								
ZZZZZZ	1.00	1727																								
ZZZZZZ	1.00	1733																								
ZZZZZZ	1.00	1740																								
ZZZZZZ	1.00	1746																								
ZZZZZZ	1.00	1752																								
ZZZZZZ	1.00	1759																								
ZZZZZZ	1.00	1808																								
ZZZZZZ	1.00	1817																								
ZZZZZZ	1.00	1824																								
ZZZZZZ	1.00	1830																								
ZZZZZZ	1.00	1837																								
ZZZZZZ	5.00	1844																								
ZZZZZZ	1.00	1850																								
ZZZZZZ	1.00	1857																								
ZZZZZZ	1.00	1903																								
ZZZZZZ	1.00	1910																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1916																									
ZZZZZZ	1.00	1922																									
ZZZZZZ	1.00	1929																									
ZZZZZZ	1.00	1935																									
CCV2	1.00	1944																				X					
CCB2	1.00	1955																				X					
ICSA-1	1.00	2001																				X					
ICSAB-1	1.00	2008																				X					
ZZZZZZ	1.00	2016																									
ZZZZZZ	1.00	2023																									
ZZZZZZ	1.00	2029																									
ZZZZZZ	1.00	2038																									
ZZZZZZ	1.00	2044																									
S1-SW-01-00-1106	200.00	2051																				X					
S1-SW-03-00-1106	200.00	2057																				X					
S1-SW-04-00-1106	200.00	2103																				X					
S1-SW-05-00-1106	200.00	2110																				X					
S1-SW-06-00-1106	200.00	2116																				X					
S1-SW-07-00-1106	200.00	2122																				X					
CCV3	1.00	2131																				X					
CCB3	1.00	2141																				X					
S1-SW-08-00-1106	200.00	2147																				X					
S1-SW-09-00-1106	200.00	2154																				X					
S1FD11040601	200.00	2200																				X					
ZZZZZZ	1.00	2207																									
S5-SW-03-00-1106	200.00	2215																				X					
S5-SW-03-00-1106L	1000.00	2222																				X					
ZZZZZZ	5.00	2228																									
ZZZZZZ	5.00	2234																									
ZZZZZZ	5.00	2241																									
S5-SW-04-00-1106	200.00	2250																				X					
CCV4	1.00	2300																				X					
CCB4	1.00	2311																				X					
S5-SW-05-00-1106	200.00	2317																				X					
ICSA-2	1.00	2325																				X					
ICSAB-2	1.00	2331																				X					
ZZZZZZ	1.00	2340																									
CCV5	1.00	2349																				X					

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB5	1.00	2358																				X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S	1.00	0951												X		X											
S	1.00	0957						X									X							X		X	
S	1.00	1004								X										X							
ZZZZZZ	1.00	1020																									
S0	1.00	1034						X		X				X		X	X			X						X	
ZZZZZZ	1.00	1039																									
S0	1.00	1047																						X			
ZZZZZZ	1.00	1051																									
ZZZZZZ	1.00	1059																									
ZZZZZZ	1.00	1106																									
ZZZZZZ	1.00	1114																									
ZZZZZZ	1.00	1121																									
ICV4	1.00	1131						X		X				X		X	X			X				X		X	
ICB4	1.00	1141						X		X				X		X	X			X				X		X	
ZZZZZZ	1.00	1147																									
ZZZZZZ	1.00	1154																									
ZZZZZZ	1.00	1200																									
ZZZZZZ	1.00	1207																									
ZZZZZZ	1.00	1213																									
ZZZZZZ	1.00	1220																									
CRDL1	1.00	1227						X		X				X		X	X			X				X		X	
ICSA-0	1.00	1233						X		X				X		X	X			X				X		X	
ICSAB-0	1.00	1240						X		X				X		X	X			X				X		X	
ZZZZZZ	1.00	1248																									
ZZZZZZ	1.00	1255																									
ZZZZZZ	1.00	1301																									
CCV1	1.00	1311						X		X				X		X	X			X				X		X	
CCB1	1.00	1326						X		X				X		X	X			X				X		X	
S5-SW-03-00-1106L	50.00	1333																		X							
S5-SW-03-00-1106L	25.00	1340								X				X		X	X									X	
S1FD11040601	1.00	1346																						X			
S5-SW-02-00-1106	1.00	1354						X																X			
S5FD11060601	1.00	1401						X																			
ZZZZZZ	1.00	1413																									
ZZZZZZ	1.00	1420																									
ZZZZZZ	1.00	1426																									
ZZZZZZ	1.00	1432																									
ZZZZZZ	1.00	1446																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV2	1.00	1454						X		X				X		X	X			X				X		X	
CCB2	1.00	1504						X		X				X		X	X			X				X		X	
ZZZZZZ	1.00	1516																									
ZZZZZZ	1.00	1523																									
ZZZZZZ	1.00	1529																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1542																									
ZZZZZZ	1.00	1550																									
ZZZZZZ	1.00	1557																									
ZZZZZZ	5.00	1604																									
ZZZZZZ	5.00	1610																									
ZZZZZZ	5.00	1617																									
ZZZZZZ	1.00	1626																									
ZZZZZZ	1.00	1636																									
ZZZZZZ	1.00	1642																									
ZZZZZZ	1.00	1648																									
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1701																									
ZZZZZZ	1.00	1707																									
ZZZZZZ	1.00	1714																									
ZZZZZZ	1.00	1720																									
ZZZZZZ	1.00	1726																									
ZZZZZZ	1.00	1733																									
ZZZZZZ	1.00	1739																									
CCV3	1.00	1749						X		X				X		X	X			X				X		X	
CCB3	1.00	1800						X		X				X		X	X			X				X		X	
ZZZZZZ	1.00	1807																									
ZZZZZZ	1.00	1813																									
ZZZZZZ	1.00	1819																									
ZZZZZZ	1.00	1826																									
ZZZZZZ	1.00	1832																									
ZZZZZZ	1.00	1840																									
ICSA-1	1.00	1846						X		X				X		X	X			X				X		X	
ICSAB-1	1.00	1852						X		X				X		X	X			X				X		X	
ZZZZZZ	1.00	1901																									
ZZZZZZ	1.00	1907																									
ZZZZZZ	1.00	1914																									
ZZZZZZ	1.00	1922																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1929																									
ZZZZZZ	1.00	1935																									
CCV4	1.00	1945						X		X				X		X	X			X				X		X	
CCB4	1.00	1955						X		X				X		X	X			X				X		X	

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1441																X								
S0.20	1.00	1442																X								
S0.50	1.00	1443																X								
S1.0	1.00	1445																X								
S2.0	1.00	1446																X								
S4.0	1.00	1447																X								
S6.0	1.00	1448																X								
S10.0	1.00	1450																X								
ICV1	1.00	1501																X								
ICB1	1.00	1502																X								
ZZZZZZ	1.00	1503																								
ZZZZZZ	1.00	1504																								
ZZZZZZ	1.00	1505																								
ZZZZZZ	1.00	1506																								
ZZZZZZ	1.00	1507																								
ZZZZZZ	1.00	1509																								
ZZZZZZ	1.00	1510																								
ZZZZZZ	1.00	1511																								
ZZZZZZ	1.00	1512																								
ZZZZZZ	1.00	1513																								
ZZZZZZ	1.00	1514																								
ZZZZZZ	1.00	1515																								
ZZZZZZ	1.00	1516																								
ZZZZZZ	1.00	1517																								
ZZZZZZ	1.00	1518																								
ZZZZZZ	1.00	1519																								
ZZZZZZ	1.00	1520																								
ZZZZZZ	1.00	1521																								
ZZZZZZ	1.00	1522																								
ZZZZZZ	1.00	1523																								
ZZZZZZ	1.00	1524																								
ZZZZZZ	1.00	1525																								
CCV1	1.00	1526																X								
CCB1	1.00	1527																X								
ZZZZZZ	1.00	1528																								
ZZZZZZ	1.00	1529																								
ZZZZZZ	1.00	1530																								
ZZZZZZ	1.00	1531																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1532																										
ZZZZZZ	1.00	1533																										
ZZZZZZ	1.00	1533																										
ZZZZZZ	1.00	1534																										
PBW111506B	1.00	1535															X											
LCSW111506B	1.00	1536															X											
CCV2	1.00	1537															X											
CCB2	1.00	1538															X											
ZZZZZZ	1.00	1539																										
ZZZZZZ	1.00	1540																										
ZZZZZZ	1.00	1541																										
ZZZZZZ	1.00	1542																										
ZZZZZZ	1.00	1543																										
ZZZZZZ	1.00	1544																										
ZZZZZZ	1.00	1545																										
ZZZZZZ	1.00	1546																										
ZZZZZZ	1.00	1547																										
ZZZZZZ	1.00	1548																										
CCV3	1.00	1549															X											
CCB3	1.00	1550															X											
ZZZZZZ	1.00	1551																										
ZZZZZZ	1.00	1552																										
ZZZZZZ	1.00	1553																										
ZZZZZZ	1.00	1554																										
S1-SW-01-00-1106	1.00	1555															X											
S1-SW-03-00-1106	1.00	1556															X											
S1-SW-04-00-1106	1.00	1557															X											
S1-SW-05-00-1106	1.00	1557															X											
S1-SW-06-00-1106	1.00	1558															X											
S1-SW-07-00-1106	1.00	1559															X											
CCV4	1.00	1600															X											
CCB4	1.00	1601															X											
S1-SW-08-00-1106	1.00	1602															X											
S1-SW-09-00-1106	1.00	1603															X											
PBW111506C	1.00	1604															X											
LCSW111506C	1.00	1605															X											
S1FB11040601	1.00	1606															X											
S1FD11040601	1.00	1607															X											

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S5-SW-01-00-1106	1.00	1608																X								
S5-SW-01-00-1106S	1.00	1609																X								
S5-SW-01-00-1106SD	1.00	1610																X								
S5-SW-02-00-1106	1.00	1611																X								
CCV5	1.00	1612																X								
CCB5	1.00	1613																X								
S5-SW-03-00-1106	1.00	1614																X								
S5-SW-04-00-1106	1.00	1615																X								
S5-SW-05-00-1106	1.00	1616																X								
S5FD11060601	1.00	1617																X								
ZZZZZZ	1.00	1618																								
ZZZZZZ	1.00	1619																								
ZZZZZZ	1.00	1620																								
ZZZZZZ	1.00	1621																								
ZZZZZZ	1.00	1622																								
ZZZZZZ	1.00	1623																								
CCV6	1.00	1624																X								
CCB6	1.00	1625																X								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	0933		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S	1.00	0940		X			X							X		X						X						
S	1.00	0945			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*
S	1.00	0952								X										X			X					
ZZZZZZ	1.00	1002																										
ZZZZZZ	1.00	1008																										
ZZZZZZ	1.00	1013																										
ZZZZZZ	1.00	1021																										
ZZZZZZ	1.00	1030																										
ZZZZZZ	1.00	1036																										
ICV1	1.00	1047		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICB1	1.00	1057		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1103																										
ZZZZZZ	1.00	1110																										
ZZZZZZ	1.00	1116																										
ZZZZZZ	1.00	1122																										
ZZZZZZ	1.00	1129																										
ZZZZZZ	1.00	1135																										
CRDL1	1.00	1141		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-0	1.00	1148		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-0	1.00	1154		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1203																										
ZZZZZZ	1.00	1209																										
ZZZZZZ	1.00	1216																										
CCV1	1.00	1224		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB1	1.00	1234		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1241																										
ZZZZZZ	1.00	1247																										
ZZZZZZ	1.00	1253																										
ZZZZZZ	1.00	1300																										
ZZZZZZ	1.00	1306																										
ZZZZZZ	1.00	1312																										
ZZZZZZ	1.00	1319																										
ZZZZZZ	1.00	1325																										
ZZZZZZ	1.00	1331																										
ZZZZZZ	1.00	1338																										
ZZZZZZ	1.00	1346																										
ZZZZZZ	1.00	1356																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	1403																									
ZZZZZZ	1.00	1409																									
ZZZZZZ	1.00	1415																									
ZZZZZZ	1.00	1422																									
ZZZZZZ	1.00	1428																									
ZZZZZZ	1.00	1434																									
ZZZZZZ	1.00	1441																									
ZZZZZZ	1.00	1447																									
ZZZZZZ	1.00	1453																									
ZZZZZZ	1.00	1500																									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1512																									
ZZZZZZ	5.00	1520																									
ZZZZZZ	1.00	1526																									
CCV2	1.00	1535		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
CCB2	1.00	1545		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
PBW111006A	1.00	1551		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
LCSW111006A	1.00	1558		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
S1-SW-01-00-1106	1.00	1613		X	X	X	X	X	X		X	X	X		X					X		X	X			X			*
S1-SW-03-00-1106	1.00	1619		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1-SW-04-00-1106	1.00	1627		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1-SW-05-00-1106	1.00	1633		X	X	X	X	X	X		X	X	X		X					X		X	X			X			*
S1-SW-06-00-1106	1.00	1640		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1-SW-07-00-1106	1.00	1646		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1-SW-08-00-1106	1.00	1652		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1-SW-09-00-1106	1.00	1659		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S1FB11040601	1.00	1705		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S1FD11040601	1.00	1711		X	X	X	X	X	X		X	X	X		X					X		X	X			X			*
CCV3	1.00	1728		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB3	1.00	1737		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S5-SW-01-00-1106	1.00	1744		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X			X	X		*
S5-SW-02-00-1106	1.00	1750		X	X	X	X		X	X	X	X	X	X	X	X	X	X		X		X	X			X	X		*
S5-SW-03-00-1106	1.00	1757		X	X	X	X	X	X		X	X	X		X					X		X	X			X			*
S5-SW-03-00-1106S	1.00	1803		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S5-SW-03-00-1106SD	1.00	1809		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S5-SW-03-00-1106A	1.00	1816		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S5-SW-03-00-1106L	5.00	1823		X	X	X	X	X	X		X	X	X		X					X		X	X		X	X			*
S5-SW-04-00-1106	1.00	1830		X	X	X	X	X	X		X	X	X		X					X		X	X			X			*

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S5-SW-05-00-1106	1.00	1836		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
S5FD11060601	1.00	1842		X	X	X	X		X	X	X	X	X	X	X	X	X		X		X	X		X	X	X		*
ZZZZZZ	1.00	1849																													
ZZZZZZ	1.00	1855																													
ZZZZZZ	1.00	1901																													
ZZZZZZ	1.00	1908																													
CCV4	1.00	1916		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB4	1.00	1926		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-1	1.00	1933		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-1	1.00	1939		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1948																													
ZZZZZZ	1.00	1954																													
ZZZZZZ	1.00	2001																													
ZZZZZZ	1.00	2007																													
ZZZZZZ	1.00	2013																													
ZZZZZZ	1.00	2020																													
ZZZZZZ	5.00	2026																													
ZZZZZZ	1.00	2032																													
CCV5	1.00	2042		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB5	1.00	2052		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
S0	1.00	09:33												X																		
S	1.00	09:40																														
S	1.00	09:45												X																		
S	1.00	09:52																														
ZZZZZZ	1.00	10:02																														
ZZZZZZ	1.00	10:08																														
ZZZZZZ	1.00	10:13																														
ZZZZZZ	1.00	10:21																														
ZZZZZZ	1.00	10:30																														
ZZZZZZ	1.00	10:36																														
ICV1	1.00	10:47												X																		
ICB1	1.00	10:57												X																		
ZZZZZZ	1.00	11:03																														
ZZZZZZ	1.00	11:10																														
ZZZZZZ	1.00	11:16																														
ZZZZZZ	1.00	11:22																														
ZZZZZZ	1.00	11:29																														
ZZZZZZ	1.00	11:35																														
CRDL1	1.00	11:41												X																		
ICSA-0	1.00	11:48												X																		
ICSAB-0	1.00	11:54												X																		
ZZZZZZ	1.00	12:03																														
ZZZZZZ	1.00	12:09																														
ZZZZZZ	1.00	12:16																														
CCV1	1.00	12:24												X																		
CCB1	1.00	12:34												X																		
ZZZZZZ	1.00	12:41																														
ZZZZZZ	1.00	12:47																														
ZZZZZZ	1.00	12:53																														
ZZZZZZ	1.00	13:00																														
ZZZZZZ	1.00	13:06																														
ZZZZZZ	1.00	13:12																														
ZZZZZZ	1.00	13:19																														
ZZZZZZ	1.00	13:25																														
ZZZZZZ	1.00	13:31																														

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
ZZZZZZ	1.00	13:38																														
ZZZZZZ	1.00	13:46																														
ZZZZZZ	1.00	13:56																														
ZZZZZZ	1.00	14:03																														
ZZZZZZ	1.00	14:09																														
ZZZZZZ	1.00	14:15																														
ZZZZZZ	1.00	14:22																														
ZZZZZZ	1.00	14:28																														
ZZZZZZ	1.00	14:34																														
ZZZZZZ	1.00	14:41																														
ZZZZZZ	1.00	14:47																														
ZZZZZZ	1.00	14:53																														
ZZZZZZ	1.00	15:00																														
ZZZZZZ	1.00	15:06																														
ZZZZZZ	1.00	15:12																														
ZZZZZZ	5.00	15:20																														
ZZZZZZ	1.00	15:26																														
CCV2	1.00	15:35												X																		
CCB2	1.00	15:45												X																		
PBW111006A	1.00	15:51												X																		
LCSW111006A	1.00	15:58												X																		
S1-SW-01-00-1106	1.00	16:13												X																		
S1-SW-03-00-1106	1.00	16:19												X																		
S1-SW-04-00-1106	1.00	16:27												X																		
S1-SW-05-00-1106	1.00	16:33												X																		
S1-SW-06-00-1106	1.00	16:40												X																		
S1-SW-07-00-1106	1.00	16:46												X																		
S1-SW-08-00-1106	1.00	16:52												X																		
S1-SW-09-00-1106	1.00	16:59												X																		
S1FB11040601	1.00	17:05												X																		
S1FD11040601	1.00	17:11												X																		
CCV3	1.00	17:28												X																		
CCB3	1.00	17:37												X																		
S5-SW-01-00-1106	1.00	17:44												X																		
S5-SW-02-00-1106	1.00	17:50												X																		

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/14/06 End Date: 11/14/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
S5-SW-03-00-1106	1.00	17:57												X																		
S5-SW-03-00-1106S	1.00	18:03												X																		
S5-SW-03-00-1106SD	1.00	18:09												X																		
S5-SW-03-00-1106A	1.00	18:16												X																		
S5-SW-03-00-1106L	5.00	18:23												X																		
S5-SW-04-00-1106	1.00	18:30												X																		
S5-SW-05-00-1106	1.00	18:36												X																		
S5FD11060601	1.00	18:42												X																		
ZZZZZZ	1.00	18:49																														
ZZZZZZ	1.00	18:55																														
ZZZZZZ	1.00	19:01																														
ZZZZZZ	1.00	19:08																														
CCV4	1.00	19:16												X																		
CCB4	1.00	19:26												X																		
ICSA-1	1.00	19:33												X																		
ICSAB-1	1.00	19:39												X																		
ZZZZZZ	1.00	19:48																														
ZZZZZZ	1.00	19:54																														
ZZZZZZ	1.00	20:01																														
ZZZZZZ	1.00	20:07																														
ZZZZZZ	1.00	20:13																														
ZZZZZZ	1.00	20:20																														
ZZZZZZ	5.00	20:26																														
ZZZZZZ	1.00	20:32																														
CCV5	1.00	20:42												X																		
CCB5	1.00	20:52												X																		

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest02

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/22/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0952								X				X		X	X			X			X	X		X	
S	1.00	0957												X		X											
S	1.00	1004															X							X		X	
S	1.00	1010								X										X			X				
ZZZZZZ	1.00	1021																									
ZZZZZZ	1.00	1027																									
ZZZZZZ	1.00	1034																									
ZZZZZZ	1.00	1042																									
ZZZZZZ	1.00	1049																									
ICV2	1.00	1059								X				X		X	X			X			X	X		X	
ICB2	1.00	1109								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1115																									
ZZZZZZ	1.00	1122																									
ZZZZZZ	1.00	1129																									
ZZZZZZ	1.00	1135																									
ZZZZZZ	1.00	1141																									
ZZZZZZ	1.00	1148																									
CRDL1	1.00	1154								X				X		X	X			X			X	X		X	
ICSA-0	1.00	1200								X				X		X	X			X			X	X		X	
ICSAB-0	1.00	1207								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1216																									
ZZZZZZ	1.00	1222																									
ZZZZZZ	1.00	1228																									
CCV1	1.00	1237								X				X		X	X			X			X	X		X	
CCB1	1.00	1247								X				X		X	X			X			X	X		X	
ZZZZZZ	1.00	1253																									
ZZZZZZ	1.00	1310																									
ZZZZZZ	1.00	1316																									
ZZZZZZ	1.00	1323																									
ZZZZZZ	1.00	1329																									
ZZZZZZ	1.00	1335																									
ZZZZZZ	1.00	1342																									
ZZZZZZ	1.00	1355																									
ZZZZZZ	1.00	1402																									
ZZZZZZ	1.00	1418																									
ZZZZZZ	1.00	1427																									
ZZZZZZ	1.00	1445																									
ZZZZZZ	1.00	1452																									

NAS KEY WEST
WATER DATA
KEYWEST02

FRACTION	CHEMICAL	S5FD11060601	UNITS	S5-SW-02-00-1106	RPD	D
M	ALUMINUM	58.9	UG/L	51.6	13.21	7.30
M	BARIUM	5.9	UG/L	6	1.68	0.10
M	CALCIUM	98100	UG/L	98600	0.51	500.00
M	MAGNESIUM	213000	UG/L	221000	3.69	8000.00
M	POTASSIUM	95700	UG/L	101000	5.39	5300.00
M	SODIUM	1720000	UG/L	1840000	6.74	120000.00
M	ZINC 5X= 100 ug/L 2x= 40 ug/L	ND	UG/L	67.9	NC	NC

Zn MDL = 5 ug/L → 67.9 - 5 = 62.9 ug/L

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

NAS KEY WEST
WATER DATA
KEYWEST02

30% 5x CRDL diff 2xCRDL

FRACTION	CHEMICAL			S1FD11040601	UNITS	S1-SW-09-00-1106	RPD	D
M	ALUMINUM	1000 ug/L	400 ug/L	87.3	UG/L	106	19.35	18.70
M	BARIUM	1000	400	12.2	UG/L	12.5	2.43	0.30
M	CALCIUM	25000	10000	435000	UG/L	441000	1.37	6000.00
M	MAGNESIUM	25000	10000	1310000	UG/L	1330000	1.52	20000.00
M	POTASSIUM	25000	10000	539000	UG/L	543000	0.74	4000.00
M	SODIUM	25000	10000	10900000	UG/L	11200000	2.71	300000.00

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 22, 2007**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SVOC/PEST**
CTO 044, NAS KEY WEST
SDG KEY WEST 04

SAMPLES: 19/Sediment

S1-SD-10-00-1106	S1-SD-11-00-1106	S1-SD-12-00-1106	S1-SD-13-00-1106
S2-SD-01-00-1106	S2-SD-02-00-1106	S2-SD-03-00-1106	S2-SD-04-00-1106
S2-SD-05-00-1106	S2-SD-06-00-1106	S2-SD-07-00-1106	S2-SD-08-00-1106
S2-SD-09-00-1106	S2-SD-10-00-1106	S2-SD-11-00-1106	S2-SD-12-00-1106
S2-SD-13-00-1106	S5-SD-06-00-1106	S5-SD-07-00-1106	

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG Key West 04 consists of nineteen (19) sediment environmental samples. The samples were analyzed for semivolatile organic compounds (SVOC) and pesticides (PEST).

The samples were collected by TetraTech NUS on November 7, 8, and 9, 2006 and analyzed by Empirical Laboratories, LLC. All analyses were conducted in accordance with SW-846 Method 8270C and 8081 analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
* • Laboratory method blank results
• Laboratory control sample results
• Matrix spike/Matrix spike duplicate results
* • Detection limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Semivolatiles

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide on instrument BNA1. The non-detected results for 4-nitroquinoline-1-oxide in all samples have been rejected (UR).

The matrix spike / matrix spike duplicate performed on sample S2-SD-04-00-1106 had zero percent recoveries for hexachlorocyclopentadiene. The non-detected result for hexachlorocyclopentadiene has been rejected (UR) for sample S2-SD-04-00-1106.

The laboratory control samples associated with batch 1119 had zero percent recovery for benzoic acid. The non-detected benzoic acid results for all samples have been rejected (UR).

Pesticides

The %D between analytical columns for the pesticide analyses exceeded 100% for positive results in the following samples:

Sample Number	Compound	% Difference	Qualification
S2-SD-03-00-1106	Endrin	103.9%	R
S2-SD-06-00-1106	Endrin	114.0%	R
S2-SD-12-00-1106	4,4'-DDT	133.7%	R
S2-SD-13-00-1106	Dieldrin	167.5%	R
	Heptachlor epoxide	196.3%	R

Positive results have been rejected, (R) in the above samples.

A calibration verification associated with the samples analyzed on 11/30/06 @03:59 had a %D that exceeded 30% for 4,4'-DDD on the primary column and exceeded 15% on the secondary column. No action was taken on this basis because one column had a percent difference less than 30%.

Samples S2-SD-01-00-1106, S2-SD-02-00-1106, S2-SD-03-00-1106, S2-SD-04-00-1106, S2-SD-05-00-1106, S2-SD-06-00-1106, S2-SD-07-00-1106, S2-SD-08-00-1106, S2-SD-09-00-1106, S2-SD-11-00-1106, and S2-SD-12-00-1106. required 10X dilutions because of concentrations for 4,4'-DDE greater than the calibration range of the instrument. A combination of the undiluted and diluted analysis were used to get the best possible detection limit.

Sample 2-SD-13-00-1106 required a 10X dilution because of concentrations for 4,4'-DDD and 4,4'-DDE greater than the calibration range of the instrument. A combination of the undiluted and diluted analysis were used to get the best possible detection limit.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated (J), due to uncertainty near the detection limit.

All positive and non-detected results associated with samples that had percent solids <30% were qualified as estimated (J) and (UJ), respectively.

EXECUTIVE SUMMARY

Laboratory Performance Issues: The 4-nitroquinoline-1-oxide results were rejected in all SVOA samples due to a low RRF.

Other Factors Affecting Data Quality: Percent difference between columns exceeded criterion for several pesticides. Results associated with SVOA and PEST samples that contained less than 30% solids were qualified as estimated. Hexachlorocyclopentaidene was rejected in one sample due to poor MS/MSD recoveries. Benzoic acid was rejected in all samples due to a poor LCS percent recovery.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999), and Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS
Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-10-00-1106	nsample	S1-SD-10-00-1106	nsample	S1-SD-10-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-11	lab_id	0611108-11	lab_id	0611108-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	51.0	Pct_Solids	51.0	Pct_Solids	51.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	
1,2,4-TRICHLOROBENZENE	200	U	
1,2-DICHLOROBENZENE	200	U	
1,3,5-TRINITROBENZENE	200	U	
1,3-DICHLOROBENZENE	200	U	
1,3-DINITROBENZENE	200	U	
1,4-DICHLOROBENZENE	200	U	
1,4-NAPHTHOQUINONE	200	U	
1,4-PHENYLENEDIAMINE	200	U	
1-NAPHTHYLAMINE	200	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	200	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	
2,4,5-TRICHLOROPHENOL	200	U	
2,4,6-TRICHLOROPHENOL	200	U	
2,4-DICHLOROPHENOL	200	U	
2,4-DIMETHYLPHENOL	200	U	
2,4-DINITROPHENOL	200	U	
2,4-DINITROTOLUENE	200	U	
2,6-DICHLOROPHENOL	200	U	
2,6-DINITROTOLUENE	200	U	
2-ACETYLAMINOFLUORENE	200	U	
2-CHLORONAPHTHALENE	200	U	
2-CHLOROPHENOL	200	U	
2-METHYLNAPHTHALENE	79	U	
2-METHYLPHENOL	200	U	
2-NAPHTHYLAMINE	200	U	
2-NITROANILINE	200	U	
2-NITROPHENOL	200	U	
2-PICOLINE	200	U	
3,3'-DICHLOROBENZIDINE	300	U	
3,3'-DIMETHYLBENZIDINE	200	U	
3-METHYLCHOLANTHRENE	200	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	200	U	
3-NITROANILINE	200	U	
4,6-DINITRO-2-METHYLPHENOL	200	U	
4-AMINOBIPHENYL	200	U	
4-BROMOPHENYL PHENYL ETHER	200	U	
4-CHLORO-3-METHYLPHENOL	200	U	
4-CHLOROANILINE	200	U	
4-CHLOROPHENYL PHENYL ETHER	200	U	
4-METHYLPHENOL	200	U	
4-NITROANILINE	200	U	
4-NITROPHENOL	200	U	
4-NITROQUINOLINE-1-OXIDE	200	UR	C
5-NITRO-O-TOLUIDINE	200	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	
ACENAPHTHENE	79	U	
ACENAPHTHYLENE	79	U	
ACETOPHENONE	200	U	
ANILINE	200	U	
ANTHRACENE	79	U	
ARAMITE	200	U	
BENZO(A)ANTHRACENE	79	U	
BENZO(A)PYRENE	79	U	
BENZO(B)FLUORANTHENE	79	U	
BENZO(G,H,I)PERYLENE	79	U	
BENZO(K)FLUORANTHENE	79	U	
BENZOIC ACID	200	UR	E
BENZYL ALCOHOL	200	U	
BIS(2-CHLOROETHOXY)METHANE	200	U	
BIS(2-CHLOROETHYL)ETHER	200	U	
BIS(2-ETHYLHEXYL)PHTHALATE	200	U	
BUTYL BENZYL PHTHALATE	200	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	200	U	
CHRYSENE	79	U	
DIALLATE	200	U	
DIBENZO(A,H)ANTHRACENE	79	U	
DIBENZOFURAN	200	U	
DIETHYL PHTHALATE	200	U	
DIMETHOATE	200	U	
DIMETHYL PHTHALATE	200	U	
DI-N-BUTYL PHTHALATE	200	U	
DI-N-OCTYL PHTHALATE	200	U	
DINOSEB	200	U	
DIPHENYLAMINE	200	U	
DISULFOTON	200	U	
ETHYL METHANE SULFONATE	200	U	
ETHYL PARATHION	200	U	
FAMPHUR	200	U	
FLUORANTHENE	79	U	
FLUORENE	79	U	
HEXACHLOROBENZENE	200	U	
HEXACHLOROBUTADIENE	200	U	
HEXACHLOROCYCLOPENTADIENE	200	U	
HEXACHLOROETHANE	200	U	
HEXACHLOROPHENE	200	U	
HEXACHLOROPROPENE	200	U	
INDENO(1,2,3-CD)PYRENE	79	U	
ISODRIN	200	U	
ISOPHORONE	200	U	
ISOSAFROLE	200	U	
KEPONE	200	U	
METHAPYRILENE	200	U	
METHYL METHANE SULFONATE	200	U	
METHYL PARATHION	200	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-10-00-1106	nsample	S1-SD-11-00-1106	nsample	S1-SD-11-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-11	lab_id	0611108-12	lab_id	0611108-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	51.0	Pct_Solids	39.0	Pct_Solids	39.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	79	U	
NITROBENZENE	200	U	
N-NITROSODIETHYLAMINE	200	U	
N-NITROSODIMETHYLAMINE	200	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	
N-NITROSO-DI-N-PROPYLAMINE	200	U	
N-NITROSODIPHENYLAMINE	200	U	
N-NITROSOMETHYLETHYLAMINE	200	U	
N-NITROSOMORPHOLINE	200	U	
N-NITROSOPIPERIDINE	200	U	
N-NITROSOPYRROLIDINE	200	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	200	U	
O-TOLUIDINE	200	U	
P-(DIMETHYLAMINO)AZOBENZENE	200	U	
PENTACHLOROBENZENE	200	U	
PENTACHLOROETHANE	200	U	
PENTACHLORONITROBENZENE	200	U	
PENTACHLOROPHENOL	200	U	
PHENACETIN	200	U	
PHENANTHRENE	79	U	
PHENOL	200	U	
PHORATE	200	U	
PRONAMIDE	200	U	
PYRENE	120	J	P
PYRIDINE	200	U	
SAFROLE	200	U	
SULFOTEPP	200	U	
THIONAZIN	200	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	250	U	
1,2-DICHLOROBENZENE	250	U	
1,3,5-TRINITROBENZENE	250	U	
1,3-DICHLOROBENZENE	250	U	
1,3-DINITROBENZENE	250	U	
1,4-DICHLOROBENZENE	250	U	
1,4-NAPHTHOQUINONE	250	U	
1,4-PHENYLENEDIAMINE	250	U	
1-NAPHTHYLAMINE	250	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	250	U	
2,3,4,6-TETRACHLOROPHENOL	250	U	
2,4,5-TRICHLOROPHENOL	250	U	
2,4,6-TRICHLOROPHENOL	250	U	
2,4-DICHLOROPHENOL	250	U	
2,4-DIMETHYLPHENOL	250	U	
2,4-DINITROPHENOL	250	U	
2,4-DINITROTOLUENE	250	U	
2,6-DICHLOROPHENOL	250	U	
2,6-DINITROTOLUENE	250	U	
2-ACETYLAMINOFLUORENE	250	U	
2-CHLORONAPHTHALENE	250	U	
2-CHLOROPHENOL	250	U	
2-METHYLNAPHTHALENE	100	U	
2-METHYLPHENOL	250	U	
2-NAPHTHYLAMINE	250	U	
2-NITROANILINE	250	U	
2-NITROPHENOL	250	U	
2-PICOLINE	250	U	
3,3'-DICHLOROBENZIDINE	380	U	
3,3'-DIMETHYLBENZIDINE	250	U	
3-METHYLCHOLANTHRENE	250	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	250	U	
3-NITROANILINE	250	U	
4,6-DINITRO-2-METHYLPHENOL	250	U	
4-AMINOBIPHENYL	250	U	
4-BROMOPHENYL PHENYL ETHER	250	U	
4-CHLORO-3-METHYLPHENOL	250	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	250	U	
4-METHYLPHENOL	250	U	
4-NITROANILINE	250	U	
4-NITROPHENOL	250	U	
4-NITROQUINOLINE-1-OXIDE	250	UR	C
5-NITRO-O-TOLUIDINE	250	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	250	U	
A,A-DIMETHYLPHENETHYLAMINE	250	U	
ACENAPHTHENE	100	U	
ACENAPHTHYLENE	100	U	
ACETOPHENONE	250	U	
ANILINE	250	U	
ANTHRACENE	100	U	
ARAMITE	250	U	
BENZO(A)ANTHRACENE	100	U	
BENZO(A)PYRENE	100	U	
BENZO(B)FLUORANTHENE	100	U	
BENZO(G,H,I)PERYLENE	100	U	
BENZO(K)FLUORANTHENE	100	U	
BENZOIC ACID	250	UR	E
BENZYL ALCOHOL	250	U	
BIS(2-CHLOROETHOXY)METHANE	250	U	
BIS(2-CHLOROETHYL)ETHER	250	U	
BIS(2-ETHYLHEXYL)PHTHALATE	250	U	
BUTYL BENZYL PHTHALATE	250	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-11-00-1106	nsample	S1-SD-11-00-1106	nsample	S1-SD-12-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/9/2006
lab_id	0611108-12	lab_id	0611108-12	lab_id	0611108-22
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	39.0	Pct_Solids	63.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	250	U	
CHRYSENE	210	J	P
DIALLATE	250	U	
DIBENZO(A,H)ANTHRACENE	100	U	
DIBENZOFURAN	250	U	
DIETHYL PHTHALATE	250	U	
DIMETHOATE	250	U	
DIMETHYL PHTHALATE	250	U	
DI-N-BUTYL PHTHALATE	250	U	
DI-N-OCTYL PHTHALATE	250	U	
DINOSEB	250	U	
DIPHENYLAMINE	250	U	
DISULFOTON	250	U	
ETHYL METHANE SULFONATE	250	U	
ETHYL PARATHION	250	U	
FAMPHUR	250	U	
FLUORANTHENE	170	J	P
FLUORENE	100	U	
HEXACHLOROBENZENE	250	U	
HEXACHLOROBUTADIENE	250	U	
HEXACHLOROCYCLOPENTADIENE	250	U	
HEXACHLOROETHANE	250	U	
HEXACHLOROPHENE	250	U	
HEXACHLOROPROPENE	250	U	
INDENO(1,2,3-CD)PYRENE	100	U	
ISODRIN	250	U	
ISOPHORONE	250	U	
ISOSAFROLE	250	U	
KEPONE	250	U	
METHAPYRILENE	250	U	
METHYL METHANE SULFONATE	250	U	
METHYL PARATHION	250	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	100	U	
NITROBENZENE	250	U	
N-NITROSODIETHYLAMINE	250	U	
N-NITROSODIMETHYLAMINE	250	U	
N-NITROSO-DI-N-BUTYLAMINE	250	U	
N-NITROSO-DI-N-PROPYLAMINE	250	U	
N-NITROSODIPHENYLAMINE	250	U	
N-NITROSOMETHYLETHYLAMINE	250	U	
N-NITROSOMORPHOLINE	250	U	
N-NITROSOPIPERIDINE	250	U	
N-NITROSOPYRROLIDINE	250	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	250	U	
O-TOLUIDINE	250	U	
P-(DIMETHYLAMINO)AZOBENZENE	250	U	
PENTACHLOROBENZENE	250	U	
PENTACHLOROETHANE	250	U	
PENTACHLORONITROBENZENE	250	U	
PENTACHLOROPHENOL	250	U	
PHENACETIN	250	U	
PHENANTHRENE	100	U	
PHENOL	250	U	
PHORATE	250	U	
PRONAMIDE	250	U	
PYRENE	360	J	P
PYRIDINE	250	U	
SAFROLE	250	U	
SULFOTEPP	250	U	
THIONAZIN	250	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	160	U	
1,2,4-TRICHLOROBENZENE	160	U	
1,2-DICHLOROBENZENE	160	U	
1,3,5-TRINITROBENZENE	160	U	
1,3-DICHLOROBENZENE	160	U	
1,3-DINITROBENZENE	160	U	
1,4-DICHLOROBENZENE	160	U	
1,4-NAPHTHOQUINONE	160	U	
1,4-PHENYLENEDIAMINE	160	U	
1-NAPHTHYLAMINE	160	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	160	U	
2,3,4,6-TETRACHLOROPHENOL	160	U	
2,4,5-TRICHLOROPHENOL	160	U	
2,4,6-TRICHLOROPHENOL	160	U	
2,4-DICHLOROPHENOL	160	U	
2,4-DIMETHYLPHENOL	160	U	
2,4-DINITROPHENOL	160	U	
2,4-DINITROTOLUENE	160	U	
2,6-DICHLOROPHENOL	160	U	
2,6-DINITROTOLUENE	160	U	
2-ACETYLAMINOFLUORENE	160	U	
2-CHLORONAPHTHALENE	160	U	
2-CHLOROPHENOL	160	U	
2-METHYLNAPHTHALENE	63	U	
2-METHYLPHENOL	160	U	
2-NAPHTHYLAMINE	160	U	
2-NITROANILINE	160	U	
2-NITROPHENOL	160	U	
2-PICOLINE	160	U	
3,3'-DICHLOROBENZIDINE	240	U	
3,3'-DIMETHYLBENZIDINE	160	U	
3-METHYLCHOLANTHRENE	160	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-12-00-1106	nsample	S1-SD-12-00-1106	nsample	S1-SD-12-00-1106
samp_date	11/9/2006	samp_date	11/9/2006	samp_date	11/9/2006
lab_id	0611108-22	lab_id	0611108-22	lab_id	0611108-22
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	63.0	Pct_Solids	63.0	Pct_Solids	63.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	160	U	
3-NITROANILINE	160	U	
4,6-DINITRO-2-METHYLPHENOL	160	U	
4-AMINOBIPHENYL	160	U	
4-BROMOPHENYL PHENYL ETHER	160	U	
4-CHLORO-3-METHYLPHENOL	160	U	
4-CHLOROANILINE	160	U	
4-CHLOROPHENYL PHENYL ETHER	160	U	
4-METHYLPHENOL	160	U	
4-NITROANILINE	160	U	
4-NITROPHENOL	160	U	
4-NITROQUINOLINE-1-OXIDE	160	UR	C
5-NITRO-O-TOLUIDINE	160	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	160	U	
A,A-DIMETHYLPHENETHYLAMINE	160	U	
ACENAPHTHENE	63	U	
ACENAPHTHYLENE	63	U	
ACETOPHENONE	160	U	
ANILINE	160	U	
ANTHRACENE	63	U	
ARAMITE	160	U	
BENZO(A)ANTHRACENE	96	J	P
BENZO(A)PYRENE	63	U	
BENZO(B)FLUORANTHENE	63	U	
BENZO(G,H,I)PERYLENE	94	J	P
BENZO(K)FLUORANTHENE	63	U	
BENZOIC ACID	160	UR	E
BENZYL ALCOHOL	160	U	
BIS(2-CHLOROETHOXY)METHANE	160	U	
BIS(2-CHLOROETHYL)ETHER	160	U	
BIS(2-ETHYLHEXYL)PHTHALATE	160	U	
BUTYL BENZYL PHTHALATE	160	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	160	U	
CHRYSENE	210	J	P
DIALLATE	160	U	
DIBENZO(A,H)ANTHRACENE	63	U	
DIBENZOFURAN	160	U	
DIETHYL PHTHALATE	160	U	
DIMETHOATE	160	U	
DIMETHYL PHTHALATE	160	U	
DI-N-BUTYL PHTHALATE	160	U	
DI-N-OCTYL PHTHALATE	160	U	
DINOSEB	160	U	
DIPHENYLAMINE	160	U	
DISULFOTON	160	U	
ETHYL METHANE SULFONATE	160	U	
ETHYL PARATHION	160	U	
FAMPHUR	160	U	
FLUORANTHENE	180	J	P
FLUORENE	63	U	
HEXACHLOROBENZENE	160	U	
HEXACHLOROBUTADIENE	160	U	
HEXACHLOROCYCLOPENTADIENE	160	U	
HEXACHLOROETHANE	160	U	
HEXACHLOROPHENE	160	U	
HEXACHLOROPROPENE	160	U	
INDENO(1,2,3-CD)PYRENE	63	U	
ISODRIN	160	U	
ISOPHORONE	160	U	
ISOSAFROLE	160	U	
KEPONE	160	U	
METHAPYRILENE	160	U	
METHYL METHANE SULFONATE	160	U	
METHYL PARATHION	160	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	63	U	
NITROBENZENE	160	U	
N-NITROSODIETHYLAMINE	160	U	
N-NITROSODIMETHYLAMINE	160	U	
N-NITROSO-DI-N-BUTYLAMINE	160	U	
N-NITROSO-DI-N-PROPYLAMINE	160	U	
N-NITROSODIPHENYLAMINE	160	U	
N-NITROSOMETHYLETHYLAMINE	160	U	
N-NITROSOMORPHOLINE	160	U	
N-NITROSOPIPERIDINE	160	U	
N-NITROSOPYRROLIDINE	160	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	160	U	
O-TOLUIDINE	160	U	
P-(DIMETHYLAMINO)AZOBENZENE	160	U	
PENTACHLOROBENZENE	160	U	
PENTACHLOROETHANE	160	U	
PENTACHLORONITROBENZENE	160	U	
PENTACHLOROPHENOL	160	U	
PHENACETIN	160	U	
PHENANTHRENE	84	J	P
PHENOL	160	U	
PHORATE	160	U	
PRONAMIDE	160	U	
PYRENE	380	J	P
PYRIDINE	160	U	
SAFROLE	160	U	
SULFOTEPP	160	U	
THIONAZIN	160	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-13-00-1106	nsample	S1-SD-13-00-1106	nsample	S1-SD-13-00-1106
samp_date	11/9/2006	samp_date	11/9/2006	samp_date	11/9/2006
lab_id	0611108-23	lab_id	0611108-23	lab_id	0611108-23
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	39.0	Pct_Solids	39.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	250	U	
1,2-DICHLOROBENZENE	250	U	
1,3,5-TRINITROBENZENE	250	U	
1,3-DICHLOROBENZENE	250	U	
1,3-DINITROBENZENE	250	U	
1,4-DICHLOROBENZENE	250	U	
1,4-NAPHTHOQUINONE	250	U	
1,4-PHENYLENEDIAMINE	250	U	
1-NAPHTHYLAMINE	250	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	250	U	
2,3,4,6-TETRACHLOROPHENOL	250	U	
2,4,5-TRICHLOROPHENOL	250	U	
2,4,6-TRICHLOROPHENOL	250	U	
2,4-DICHLOROPHENOL	250	U	
2,4-DIMETHYLPHENOL	250	U	
2,4-DINITROPHENOL	250	U	
2,4-DINITROTOLUENE	250	U	
2,6-DICHLOROPHENOL	250	U	
2,6-DINITROTOLUENE	250	U	
2-ACETYLAMINOFLUORENE	250	U	
2-CHLORONAPHTHALENE	250	U	
2-CHLOROPHENOL	250	U	
2-METHYLNAPHTHALENE	100	U	
2-METHYLPHENOL	250	U	
2-NAPHTHYLAMINE	250	U	
2-NITROANILINE	250	U	
2-NITROPHENOL	250	U	
2-PICOLINE	250	U	
3,3'-DICHLOROBENZIDINE	380	U	
3,3'-DIMETHYLBENZIDINE	250	U	
3-METHYLCHOLANTHRENE	250	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	250	U	
3-NITROANILINE	250	U	
4,6-DINITRO-2-METHYLPHENOL	250	U	
4-AMINOBIPHENYL	250	U	
4-BROMOPHENYL PHENYL ETHER	250	U	
4-CHLORO-3-METHYLPHENOL	250	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	250	U	
4-METHYLPHENOL	250	U	
4-NITROANILINE	250	U	
4-NITROPHENOL	250	U	
4-NITROQUINOLINE-1-OXIDE	250	UR	C
5-NITRO-O-TOLUIDINE	250	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	250	U	
A,A-DIMETHYLPHENETHYLAMINE	250	U	
ACENAPHTHENE	100	U	
ACENAPHTHYLENE	100	U	
ACETOPHENONE	250	U	
ANILINE	250	U	
ANTHRACENE	100	U	
ARAMITE	250	U	
BENZO(A)ANTHRACENE	100	U	
BENZO(A)PYRENE	100	U	
BENZO(B)FLUORANTHENE	100	U	
BENZO(G,H,I)PERYLENE	100	U	
BENZO(K)FLUORANTHENE	100	U	
BENZOIC ACID	250	UR	E
BENZYL ALCOHOL	250	U	
BIS(2-CHLOROETHOXY)METHANE	250	U	
BIS(2-CHLOROETHYL)ETHER	250	U	
BIS(2-ETHYLHEXYL)PHTHALATE	250	U	
BUTYL BENZYL PHTHALATE	250	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	250	U	
CHRYSENE	100	U	
DIALLATE	250	U	
DIBENZO(A,H)ANTHRACENE	100	U	
DIBENZOFURAN	250	U	
DIETHYL PHTHALATE	250	U	
DIMETHOATE	250	U	
DIMETHYL PHTHALATE	250	U	
DI-N-BUTYL PHTHALATE	250	U	
DI-N-OCTYL PHTHALATE	250	U	
DINOSEB	250	U	
DIPHENYLAMINE	250	U	
DISULFOTON	250	U	
ETHYL METHANE SULFONATE	250	U	
ETHYL PARATHION	250	U	
FAMPHUR	250	U	
FLUORANTHENE	100	U	
FLUORENE	100	U	
HEXACHLOROBENZENE	250	U	
HEXACHLOROBUTADIENE	250	U	
HEXACHLOROCYCLOPENTADIENE	250	U	
HEXACHLOROETHANE	250	U	
HEXACHLOROPHENE	250	U	
HEXACHLOROPROPENE	250	U	
INDENO(1,2,3-CD)PYRENE	100	U	
ISODRIN	250	U	
ISOPHORONE	250	U	
ISOSAFROLE	250	U	
KEPONE	250	U	
METHAPYRILENE	250	U	
METHYL METHANE SULFONATE	250	U	
METHYL PARATHION	250	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S1-SD-13-00-1106	nsample	S2-SD-01-00-1106	nsample	S2-SD-01-00-1106
samp_date	11/9/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-23	lab_id	0611108-01	lab_id	0611108-01
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	39.0	Pct_Solids	26.0	Pct_Solids	26.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	100	U	
NITROBENZENE	250	U	
N-NITROSODIETHYLAMINE	250	U	
N-NITROSODIMETHYLAMINE	250	U	
N-NITROSO-DI-N-BUTYLAMINE	250	U	
N-NITROSO-DI-N-PROPYLAMINE	250	U	
N-NITROSODIPHENYLAMINE	250	U	
N-NITROSOMETHYLETHYLAMINE	250	U	
N-NITROSOMORPHOLINE	250	U	
N-NITROSOPIPERIDINE	250	U	
N-NITROSOPYRROLIDINE	250	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	250	U	
O-TOLUIDINE	250	U	
P-(DIMETHYLAMINO)AZOBENZENE	250	U	
PENTACHLOROBENZENE	250	U	
PENTACHLOROETHANE	250	U	
PENTACHLORONITROBENZENE	250	U	
PENTACHLOROPHENOL	250	U	
PHENACETIN	250	U	
PHENANTHRENE	100	U	
PHENOL	250	U	
PHORATE	250	U	
PRONAMIDE	250	U	
PYRENE	120	J	P
PYRIDINE	250	U	
SAFROLE	250	U	
SULFOTEPP	250	U	
THIONAZIN	250	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	370	UJ	Y
1,2,4-TRICHLOROBENZENE	370	UJ	Y
1,2-DICHLOROBENZENE	370	UJ	Y
1,3,5-TRINITROBENZENE	370	UJ	Y
1,3-DICHLOROBENZENE	370	UJ	Y
1,3-DINITROBENZENE	370	UJ	Y
1,4-DICHLOROBENZENE	370	UJ	Y
1,4-NAPHTHOQUINONE	370	UJ	Y
1,4-PHENYLENEDIAMINE	370	UJ	Y
1-NAPHTHYLAMINE	370	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	370	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	370	UJ	Y
2,4,5-TRICHLOROPHENOL	370	UJ	Y
2,4,6-TRICHLOROPHENOL	370	UJ	Y
2,4-DICHLOROPHENOL	370	UJ	Y
2,4-DIMETHYLPHENOL	370	UJ	Y
2,4-DINITROPHENOL	370	UJ	Y
2,4-DINITROTOLUENE	370	UJ	Y
2,6-DICHLOROPHENOL	370	UJ	Y
2,6-DINITROTOLUENE	370	UJ	Y
2-ACETYLAMINOFLUORENE	370	UJ	Y
2-CHLORONAPHTHALENE	370	UJ	Y
2-CHLOROPHENOL	370	UJ	Y
2-METHYLNAPHTHALENE	150	UJ	Y
2-METHYLPHENOL	370	UJ	Y
2-NAPHTHYLAMINE	370	UJ	Y
2-NITROANILINE	370	UJ	Y
2-NITROPHENOL	370	UJ	Y
2-PICOLINE	370	UJ	Y
3,3'-DICHLOROBENZIDINE	560	UJ	Y
3,3'-DIMETHYLBENZIDINE	370	UJ	Y
3-METHYLCHOLANTHRENE	370	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	370	UJ	Y
3-NITROANILINE	370	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	370	UJ	Y
4-AMINOBIPHENYL	370	UJ	Y
4-BROMOPHENYL PHENYL ETHER	370	UJ	Y
4-CHLORO-3-METHYLPHENOL	370	UJ	Y
4-CHLOROANILINE	370	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	370	UJ	Y
4-METHYLPHENOL	370	UJ	Y
4-NITROANILINE	370	UJ	Y
4-NITROPHENOL	370	UJ	Y
4-NITROQUINOLINE-1-OXIDE	370	UR	C
5-NITRO-O-TOLUIDINE	370	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	370	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	370	UJ	Y
ACENAPHTHENE	150	UJ	Y
ACENAPHTHYLENE	150	UJ	Y
ACETOPHENONE	370	UJ	Y
ANILINE	370	UJ	Y
ANTHRACENE	150	UJ	Y
ARAMITE	370	UJ	Y
BENZO(A)ANTHRACENE	150	UJ	Y
BENZO(A)PYRENE	150	UJ	Y
BENZO(B)FLUORANTHENE	150	UJ	Y
BENZO(G,H,I)PERYLENE	150	UJ	Y
BENZO(K)FLUORANTHENE	150	UJ	Y
BENZOIC ACID	370	UR	E
BENZYL ALCOHOL	370	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	370	UJ	Y
BIS(2-CHLOROETHYL)ETHER	370	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	370	UJ	Y
BUTYL BENZYL PHTHALATE	370	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-01-00-1106	nsample	S2-SD-01-00-1106	nsample	S2-SD-02-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-01	lab_id	0611108-01	lab_id	0611108-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	26.0	Pct_Solids	26.0	Pct_Solids	34.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	370	UJ	Y
CHRYSENE	150	UJ	Y
DIALLATE	370	UJ	Y
DIBENZO(A,H)ANTHRACENE	150	UJ	Y
DIBENZOFURAN	370	UJ	Y
DIETHYL PHTHALATE	370	UJ	Y
DIMETHOATE	370	UJ	Y
DIMETHYL PHTHALATE	370	UJ	Y
DI-N-BUTYL PHTHALATE	370	UJ	Y
DI-N-OCTYL PHTHALATE	370	UJ	Y
DINOSEB	370	UJ	Y
DIPHENYLAMINE	370	UJ	Y
DISULFOTON	370	UJ	Y
ETHYL METHANE SULFONATE	370	UJ	Y
ETHYL PARATHION	370	UJ	Y
FAMPHUR	370	UJ	Y
FLUORANTHENE	150	UJ	Y
FLUORENE	150	UJ	Y
HEXACHLOROBENZENE	370	UJ	Y
HEXACHLOROBUTADIENE	370	UJ	Y
HEXACHLOROCYCLOPENTADIENE	370	UJ	Y
HEXACHLOROETHANE	370	UJ	Y
HEXACHLOROPHENE	370	UJ	Y
HEXACHLOROPROPENE	370	UJ	Y
INDENO(1,2,3-CD)PYRENE	150	UJ	Y
ISODRIN	370	UJ	Y
ISOPHORONE	370	UJ	Y
ISOSAFROLE	370	UJ	Y
KEPONE	370	UJ	Y
METHAPYRILENE	370	UJ	Y
METHYL METHANE SULFONATE	370	UJ	Y
METHYL PARATHION	370	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	150	UJ	Y
NITROBENZENE	370	UJ	Y
N-NITROSODIETHYLAMINE	370	UJ	Y
N-NITROSODIMETHYLAMINE	370	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	370	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	370	UJ	Y
N-NITROSODIPHENYLAMINE	370	UJ	Y
N-NITROSOMETHYLETHYLAMINE	370	UJ	Y
N-NITROSOMORPHOLINE	370	UJ	Y
N-NITROSOPIPERIDINE	370	UJ	Y
N-NITROSOPYRROLIDINE	370	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	370	UJ	Y
O-TOLUIDINE	370	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	370	UJ	Y
PENTACHLOROBENZENE	370	UJ	Y
PENTACHLOROETHANE	370	UJ	Y
PENTACHLORONITROBENZENE	370	UJ	Y
PENTACHLOROPHENOL	370	UJ	Y
PHENACETIN	370	UJ	Y
PHENANTHRENE	150	UJ	Y
PHENOL	370	UJ	Y
PHORATE	370	UJ	Y
PRONAMIDE	370	UJ	Y
PYRENE	150	UJ	Y
PYRIDINE	370	UJ	Y
SAFROLE	370	UJ	Y
SULFOTEPP	370	UJ	Y
THIONAZIN	370	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	280	U	
1,2,4-TRICHLOROBENZENE	280	U	
1,2-DICHLOROBENZENE	280	U	
1,3,5-TRINITROBENZENE	280	U	
1,3-DICHLOROBENZENE	280	U	
1,3-DINITROBENZENE	280	U	
1,4-DICHLOROBENZENE	280	U	
1,4-NAPHTHOQUINONE	280	U	
1,4-PHENYLENEDIAMINE	280	U	
1-NAPHTHYLAMINE	280	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	280	U	
2,3,4,6-TETRACHLOROPHENOL	280	U	
2,4,5-TRICHLOROPHENOL	280	U	
2,4,6-TRICHLOROPHENOL	280	U	
2,4-DICHLOROPHENOL	280	U	
2,4-DIMETHYLPHENOL	280	U	
2,4-DINITROPHENOL	280	U	
2,4-DINITROTOLUENE	280	U	
2,6-DICHLOROPHENOL	280	U	
2,6-DINITROTOLUENE	280	U	
2-ACETYLAMINOFLUORENE	280	U	
2-CHLORONAPHTHALENE	280	U	
2-CHLOROPHENOL	280	U	
2-METHYLNAPHTHALENE	110	U	
2-METHYLPHENOL	280	U	
2-NAPHTHYLAMINE	280	U	
2-NITROANILINE	280	U	
2-NITROPHENOL	280	U	
2-PICOLINE	280	U	
3,3'-DICHLOROBENZIDINE	430	U	
3,3'-DIMETHYLBENZIDINE	280	U	
3-METHYLCHOLANTHRENE	280	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-02-00-1106	nsample	S2-SD-02-00-1106	nsample	S2-SD-02-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-02	lab_id	0611108-02	lab_id	0611108-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	34.0	Pct_Solids	34.0	Pct_Solids	34.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	280	U	
3-NITROANILINE	280	U	
4,6-DINITRO-2-METHYLPHENOL	280	U	
4-AMINOBIPHENYL	280	U	
4-BROMOPHENYL PHENYL ETHER	280	U	
4-CHLORO-3-METHYLPHENOL	280	U	
4-CHLOROANILINE	280	U	
4-CHLOROPHENYL PHENYL ETHER	280	U	
4-METHYLPHENOL	280	U	
4-NITROANILINE	280	U	
4-NITROPHENOL	280	U	
4-NITROQUINOLINE-1-OXIDE	280	UR	C
5-NITRO-O-TOLUIDINE	280	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	280	U	
A,A-DIMETHYLPHENETHYLAMINE	280	U	
ACENAPHTHENE	110	U	
ACENAPHTHYLENE	110	U	
ACETOPHENONE	280	U	
ANILINE	280	U	
ANTHRACENE	110	U	
ARAMITE	280	U	
BENZO(A)ANTHRACENE	110	U	
BENZO(A)PYRENE	110	U	
BENZO(B)FLUORANTHENE	110	U	
BENZO(G,H,I)PERYLENE	110	U	
BENZO(K)FLUORANTHENE	110	U	
BENZOIC ACID	280	UR	E
BENZYL ALCOHOL	280	U	
BIS(2-CHLOROETHOXY)METHANE	280	U	
BIS(2-CHLOROETHYL)ETHER	280	U	
BIS(2-ETHYLHEXYL)PHTHALATE	280	U	
BUTYL BENZYL PHTHALATE	280	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	280	U	
CHRYSENE	110	U	
DIALLATE	280	U	
DIBENZO(A,H)ANTHRACENE	110	U	
DIBENZOFURAN	280	U	
DIETHYL PHTHALATE	280	U	
DIMETHOATE	280	U	
DIMETHYL PHTHALATE	280	U	
DI-N-BUTYL PHTHALATE	280	U	
DI-N-OCTYL PHTHALATE	280	U	
DINOSEB	280	U	
DIPHENYLAMINE	280	U	
DISULFOTON	280	U	
ETHYL METHANE SULFONATE	280	U	
ETHYL PARATHION	280	U	
FAMPHUR	280	U	
FLUORANTHENE	110	U	
FLUORENE	110	U	
HEXACHLOROBENZENE	280	U	
HEXACHLOROBUTADIENE	280	U	
HEXACHLOROCYCLOPENTADIENE	280	U	
HEXACHLOROETHANE	280	U	
HEXACHLOROPHENE	280	U	
HEXACHLOROPROPENE	280	U	
INDENO(1,2,3-CD)PYRENE	110	U	
ISODRIN	280	U	
ISOPHORONE	280	U	
ISOSAFROLE	280	U	
KEPONE	280	U	
METHAPYRILENE	280	U	
METHYL METHANE SULFONATE	280	U	
METHYL PARATHION	280	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	110	U	
NITROBENZENE	280	U	
N-NITROSODIETHYLAMINE	280	U	
N-NITROSODIMETHYLAMINE	280	U	
N-NITROSO-DI-N-BUTYLAMINE	280	U	
N-NITROSO-DI-N-PROPYLAMINE	280	U	
N-NITROSODIPHENYLAMINE	280	U	
N-NITROSOMETHYLETHYLAMINE	280	U	
N-NITROSOMORPHOLINE	280	U	
N-NITROSOPIPERIDINE	280	U	
N-NITROSOPYRROLIDINE	280	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	280	U	
O-TOLUIDINE	280	U	
P-(DIMETHYLAMINO)AZOBENZENE	280	U	
PENTACHLOROBENZENE	280	U	
PENTACHLOROETHANE	280	U	
PENTACHLORONITROBENZENE	280	U	
PENTACHLOROPHENOL	280	U	
PHENACETIN	280	U	
PHENANTHRENE	110	U	
PHENOL	280	U	
PHORATE	280	U	
PRONAMIDE	280	U	
PYRENE	110	U	
PYRIDINE	280	U	
SAFROLE	280	U	
SULFOTEPP	280	U	
THIONAZIN	280	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-03-00-1106	nsample	S2-SD-03-00-1106	nsample	S2-SD-03-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-03	lab_id	0611108-03	lab_id	0611108-03
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	29.0	Pct_Solids	29.0	Pct_Solids	29.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	330	UJ	Y
1,2,4-TRICHLOROBENZENE	330	UJ	Y
1,2-DICHLOROBENZENE	330	UJ	Y
1,3,5-TRINITROBENZENE	330	UJ	Y
1,3-DICHLOROBENZENE	330	UJ	Y
1,3-DINITROBENZENE	330	UJ	Y
1,4-DICHLOROBENZENE	330	UJ	Y
1,4-NAPHTHOQUINONE	330	UJ	Y
1,4-PHENYLENEDIAMINE	330	UJ	Y
1-NAPHTHYLAMINE	330	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	330	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	330	UJ	Y
2,4,5-TRICHLOROPHENOL	330	UJ	Y
2,4,6-TRICHLOROPHENOL	330	UJ	Y
2,4-DICHLOROPHENOL	330	UJ	Y
2,4-DIMETHYLPHENOL	330	UJ	Y
2,4-DINITROPHENOL	330	UJ	Y
2,4-DINITROTOLUENE	330	UJ	Y
2,6-DICHLOROPHENOL	330	UJ	Y
2,6-DINITROTOLUENE	330	UJ	Y
2-ACETYLAMINOFLUORENE	330	UJ	Y
2-CHLORONAPHTHALENE	330	UJ	Y
2-CHLOROPHENOL	330	UJ	Y
2-METHYLNAPHTHALENE	130	UJ	Y
2-METHYLPHENOL	330	UJ	Y
2-NAPHTHYLAMINE	330	UJ	Y
2-NITROANILINE	330	UJ	Y
2-NITROPHENOL	330	UJ	Y
2-PICOLINE	330	UJ	Y
3,3'-DICHLOROBENZIDINE	500	UJ	Y
3,3'-DIMETHYLBENZIDINE	330	UJ	Y
3-METHYLCHOLANTHRENE	330	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	330	UJ	Y
3-NITROANILINE	330	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	330	UJ	Y
4-AMINOBIPHENYL	330	UJ	Y
4-BROMOPHENYL PHENYL ETHER	330	UJ	Y
4-CHLORO-3-METHYLPHENOL	330	UJ	Y
4-CHLOROANILINE	330	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	330	UJ	Y
4-METHYLPHENOL	330	UJ	Y
4-NITROANILINE	330	UJ	Y
4-NITROPHENOL	330	UJ	Y
4-NITROQUINOLINE-1-OXIDE	330	UR	C
5-NITRO-O-TOLUIDINE	330	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	330	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	330	UJ	Y
ACENAPHTHENE	130	UJ	Y
ACENAPHTHYLENE	130	UJ	Y
ACETOPHENONE	330	UJ	Y
ANILINE	330	UJ	Y
ANTHRACENE	130	UJ	Y
ARAMITE	330	UJ	Y
BENZO(A)ANTHRACENE	130	UJ	Y
BENZO(A)PYRENE	130	UJ	Y
BENZO(B)FLUORANTHENE	130	UJ	Y
BENZO(G,H,I)PERYLENE	130	UJ	Y
BENZO(K)FLUORANTHENE	130	UJ	Y
BENZOIC ACID	330	UR	E
BENZYL ALCOHOL	330	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	330	UJ	Y
BIS(2-CHLOROETHYL)ETHER	330	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	330	UJ	Y
BUTYL BENZYL PHTHALATE	330	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	330	UJ	Y
CHRYSENE	130	UJ	Y
DIALLATE	330	UJ	Y
DIBENZO(A,H)ANTHRACENE	130	UJ	Y
DIBENZOFURAN	330	UJ	Y
DIETHYL PHTHALATE	330	UJ	Y
DIMETHOATE	330	UJ	Y
DIMETHYL PHTHALATE	330	UJ	Y
DI-N-BUTYL PHTHALATE	330	UJ	Y
DI-N-OCTYL PHTHALATE	330	UJ	Y
DINOSEB	330	UJ	Y
DIPHENYLAMINE	330	UJ	Y
DISULFOTON	330	UJ	Y
ETHYL METHANE SULFONATE	330	UJ	Y
ETHYL PARATHION	330	UJ	Y
FAMPHUR	330	UJ	Y
FLUORANTHENE	130	UJ	Y
FLUORENE	130	UJ	Y
HEXACHLOROBENZENE	330	UJ	Y
HEXACHLOROBUTADIENE	330	UJ	Y
HEXACHLOROCYCLOPENTADIENE	330	UJ	Y
HEXACHLOROETHANE	330	UJ	Y
HEXACHLOROPHENE	330	UJ	Y
HEXACHLOROPROPENE	330	UJ	Y
INDENO(1,2,3-CD)PYRENE	130	UJ	Y
ISODRIN	330	UJ	Y
ISOPHORONE	330	UJ	Y
ISOSAFROLE	330	UJ	Y
KEPONE	330	UJ	Y
METHAPYRILENE	330	UJ	Y
METHYL METHANE SULFONATE	330	UJ	Y
METHYL PARATHION	330	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-03-00-1106	nsample	S2-SD-04-00-1106	nsample	S2-SD-04-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-03	lab_id	0611108-04	lab_id	0611108-04
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	29.0	Pct_Solids	28.0	Pct_Solids	28.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	130	UJ	Y
NITROBENZENE	330	UJ	Y
N-NITROSODIETHYLAMINE	330	UJ	Y
N-NITROSODIMETHYLAMINE	330	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	330	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	330	UJ	Y
N-NITROSODIPHENYLAMINE	330	UJ	Y
N-NITROSOMETHYLETHYLAMINE	330	UJ	Y
N-NITROSOMORPHOLINE	330	UJ	Y
N-NITROSOPIPERIDINE	330	UJ	Y
N-NITROSOPYRROLIDINE	330	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	330	UJ	Y
O-TOLUIDINE	330	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	330	UJ	Y
PENTACHLOROBENZENE	330	UJ	Y
PENTACHLOROETHANE	330	UJ	Y
PENTACHLORONITROBENZENE	330	UJ	Y
PENTACHLOROPHENOL	330	UJ	Y
PHENACETIN	330	UJ	Y
PHENANTHRENE	130	UJ	Y
PHENOL	330	UJ	Y
PHORATE	330	UJ	Y
PRONAMIDE	330	UJ	Y
PYRENE	130	UJ	Y
PYRIDINE	330	UJ	Y
SAFROLE	330	UJ	Y
SULFOTEPP	330	UJ	Y
THIONAZIN	330	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	360	UJ	Y
1,2,4-TRICHLOROBENZENE	360	UJ	Y
1,2-DICHLOROBENZENE	360	UJ	Y
1,3,5-TRINITROBENZENE	360	UJ	Y
1,3-DICHLOROBENZENE	360	UJ	Y
1,3-DINITROBENZENE	360	UJ	Y
1,4-DICHLOROBENZENE	360	UJ	Y
1,4-NAPHTHOQUINONE	360	UJ	Y
1,4-PHENYLENEDIAMINE	360	UJ	Y
1-NAPHTHYLAMINE	360	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	360	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	360	UJ	Y
2,4,5-TRICHLOROPHENOL	360	UJ	Y
2,4,6-TRICHLOROPHENOL	360	UJ	Y
2,4-DICHLOROPHENOL	360	UJ	Y
2,4-DIMETHYLPHENOL	360	UJ	Y
2,4-DINITROPHENOL	360	UJ	Y
2,4-DINITROTOLUENE	360	UJ	Y
2,6-DICHLOROPHENOL	360	UJ	Y
2,6-DINITROTOLUENE	360	UJ	Y
2-ACETYLAMINOFLUORENE	360	UJ	Y
2-CHLORONAPHTHALENE	360	UJ	Y
2-CHLOROPHENOL	360	UJ	Y
2-METHYLNAPHTHALENE	140	UJ	Y
2-METHYLPHENOL	360	UJ	Y
2-NAPHTHYLAMINE	360	UJ	Y
2-NITROANILINE	360	UJ	Y
2-NITROPHENOL	360	UJ	Y
2-PICOLINE	360	UJ	Y
3,3'-DICHLOROBENZIDINE	540	UJ	Y
3,3'-DIMETHYLBENZIDINE	360	UJ	Y
3-METHYLCHOLANTHRENE	360	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	360	UJ	Y
3-NITROANILINE	360	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	360	UJ	Y
4-AMINOBIPHENYL	360	UJ	Y
4-BROMOPHENYL PHENYL ETHER	360	UJ	Y
4-CHLORO-3-METHYLPHENOL	360	UJ	Y
4-CHLOROANILINE	360	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	360	UJ	Y
4-METHYLPHENOL	360	UJ	Y
4-NITROANILINE	360	UJ	Y
4-NITROPHENOL	360	UJ	Y
4-NITROQUINOLINE-1-OXIDE	360	UR	C
5-NITRO-O-TOLUIDINE	360	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	360	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	360	UJ	Y
ACENAPHTHENE	140	UJ	Y
ACENAPHTHYLENE	140	UJ	Y
ACETOPHENONE	360	UJ	Y
ANILINE	360	UJ	Y
ANTHRACENE	140	UJ	Y
ARAMITE	360	UJ	Y
BENZO(A)ANTHRACENE	140	UJ	Y
BENZO(A)PYRENE	140	UJ	Y
BENZO(B)FLUORANTHENE	140	UJ	Y
BENZO(G,H,I)PERYLENE	140	UJ	Y
BENZO(K)FLUORANTHENE	140	UJ	Y
BENZOIC ACID	360	UR	E
BENZYL ALCOHOL	360	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	360	UJ	Y
BIS(2-CHLOROETHYL)ETHER	360	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	360	UJ	Y
BUTYL BENZYL PHTHALATE	360	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-04-00-1106	nsample	S2-SD-04-00-1106	nsample	S2-SD-05-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-04	lab_id	0611108-04	lab_id	0611108-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	28.0	Pct_Solids	28.0	Pct_Solids	35.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	360	UJ	Y
CHRYSENE	140	UJ	Y
DIALLATE	360	UJ	Y
DIBENZO(A,H)ANTHRACENE	140	UJ	Y
DIBENZOFURAN	360	UJ	Y
DIETHYL PHTHALATE	360	UJ	Y
DIMETHOATE	360	UJ	Y
DIMETHYL PHTHALATE	360	UJ	Y
DI-N-BUTYL PHTHALATE	360	UJ	Y
DI-N-OCTYL PHTHALATE	360	UJ	Y
DINOSEB	360	UJ	Y
DIPHENYLAMINE	360	UJ	Y
DISULFOTON	360	UJ	Y
ETHYL METHANE SULFONATE	360	UJ	Y
ETHYL PARATHION	360	UJ	Y
FAMPHUR	360	UJ	Y
FLUORANTHENE	140	UJ	Y
FLUORENE	140	UJ	Y
HEXACHLOROBENZENE	360	UJ	Y
HEXACHLOROBUTADIENE	360	UJ	Y
HEXACHLOROCYCLOPENTADIENE	360	UR	D
HEXACHLOROETHANE	360	UJ	Y
HEXACHLOROPHENE	360	UJ	Y
HEXACHLOROPROPENE	360	UJ	Y
INDENO(1,2,3-CD)PYRENE	140	UJ	Y
ISODRIN	360	UJ	Y
ISOPHORONE	360	UJ	Y
ISOSAFROLE	360	UJ	Y
KEPONE	360	UJ	Y
METHAPYRILENE	360	UJ	Y
METHYL METHANE SULFONATE	360	UJ	Y
METHYL PARATHION	360	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	140	UJ	Y
NITROBENZENE	360	UJ	Y
N-NITROSODIETHYLAMINE	360	UJ	Y
N-NITROSODIMETHYLAMINE	360	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	360	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	360	UJ	Y
N-NITROSODIPHENYLAMINE	360	UJ	Y
N-NITROSOMETHYLETHYLAMINE	360	UJ	Y
N-NITROSOMORPHOLINE	360	UJ	Y
N-NITROSOPIPERIDINE	360	UJ	Y
N-NITROSOPYRROLIDINE	360	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	360	UJ	Y
O-TOLUIDINE	360	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	360	UJ	Y
PENTACHLOROBENZENE	360	UJ	Y
PENTACHLOROETHANE	360	UJ	Y
PENTACHLORONITROBENZENE	360	UJ	Y
PENTACHLOROPHENOL	360	UJ	Y
PHENACETIN	360	UJ	Y
PHENANTHRENE	140	UJ	Y
PHENOL	360	UJ	Y
PHORATE	360	UJ	Y
PRONAMIDE	360	UJ	Y
PYRENE	140	UJ	Y
PYRIDINE	360	UJ	Y
SAFROLE	360	UJ	Y
SULFOTEPP	360	UJ	Y
THIONAZIN	360	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	290	U	
1,2,4-TRICHLOROBENZENE	290	U	
1,2-DICHLOROBENZENE	290	U	
1,3,5-TRINITROBENZENE	290	U	
1,3-DICHLOROBENZENE	290	U	
1,3-DINITROBENZENE	290	U	
1,4-DICHLOROBENZENE	290	U	
1,4-NAPHTHOQUINONE	290	U	
1,4-PHENYLENEDIAMINE	290	U	
1-NAPHTHYLAMINE	290	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	290	U	
2,3,4,6-TETRACHLOROPHENOL	290	U	
2,4,5-TRICHLOROPHENOL	290	U	
2,4,6-TRICHLOROPHENOL	290	U	
2,4-DICHLOROPHENOL	290	U	
2,4-DIMETHYLPHENOL	290	U	
2,4-DINITROPHENOL	290	U	
2,4-DINITROTOLUENE	290	U	
2,6-DICHLOROPHENOL	290	U	
2,6-DINITROTOLUENE	290	U	
2-ACETYLAMINOFLUORENE	290	U	
2-CHLORONAPHTHALENE	290	U	
2-CHLOROPHENOL	290	U	
2-METHYLNAPHTHALENE	120	U	
2-METHYLPHENOL	290	U	
2-NAPHTHYLAMINE	290	U	
2-NITROANILINE	290	U	
2-NITROPHENOL	290	U	
2-PICOLINE	290	U	
3,3'-DICHLOROBENZIDINE	430	U	
3,3'-DIMETHYLBENZIDINE	290	U	
3-METHYLCHOLANTHRENE	290	U	

nsample	S2-SD-05-00-1106
samp_date	11/7/2006
lab_id	0611108-05
qc_type	NM
units	UG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	290	U	
3-NITROANILINE	290	U	
4,6-DINITRO-2-METHYLPHENOL	290	U	
4-AMINOBIPHENYL	290	U	
4-BROMOPHENYL PHENYL ETHER	290	U	
4-CHLORO-3-METHYLPHENOL	290	U	
4-CHLOROANILINE	290	U	
4-CHLOROPHENYL PHENYL ETHER	290	U	
4-METHYLPHENOL	290	U	
4-NITROANILINE	290	U	
4-NITROPHENOL	290	U	
4-NITROQUINOLINE-1-OXIDE	290	UR	C
5-NITRO-O-TOLUIDINE	290	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	290	U	
A,A-DIMETHYLPHENETHYLAMINE	290	U	
ACENAPHTHENE	120	U	
ACENAPHTHYLENE	120	U	
ACETOPHENONE	290	U	
ANILINE	290	U	
ANTHRACENE	120	U	
ARAMITE	290	U	
BENZO(A)ANTHRACENE	120	U	
BENZO(A)PYRENE	120	U	
BENZO(B)FLUORANTHENE	120	U	
BENZO(G,H,I)PERYLENE	120	U	
BENZO(K)FLUORANTHENE	120	U	
BENZOIC ACID	290	UR	E
BENZYL ALCOHOL	290	U	
BIS(2-CHLOROETHOXY)METHANE	290	U	
BIS(2-CHLOROETHYL)ETHER	290	U	
BIS(2-ETHYLHEXYL)PHTHALATE	290	U	
BUTYL BENZYL PHTHALATE	290	U	

nsample	S2-SD-05-00-1106
samp_date	11/7/2006
lab_id	0611108-05
qc_type	NM
units	UG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	290	U	
CHRYSENE	120	U	
DIALLATE	290	U	
DIBENZO(A,H)ANTHRACENE	120	U	
DIBENZOFURAN	290	U	
DIETHYL PHTHALATE	290	U	
DIMETHOATE	290	U	
DIMETHYL PHTHALATE	290	U	
DI-N-BUTYL PHTHALATE	290	U	
DI-N-OCTYL PHTHALATE	290	U	
DINOSEB	290	U	
DIPHENYLAMINE	290	U	
DISULFOTON	290	U	
ETHYL METHANE SULFONATE	290	U	
ETHYL PARATHION	290	U	
FAMPHUR	290	U	
FLUORANTHENE	120	U	
FLUORENE	120	U	
HEXACHLOROBENZENE	290	U	
HEXACHLOROBUTADIENE	290	U	
HEXACHLOROCYCLOPENTADIENE	290	U	
HEXACHLOROETHANE	290	U	
HEXACHLOROPHENE	290	U	
HEXACHLOROPROPENE	290	U	
INDENO(1,2,3-CD)PYRENE	120	U	
ISODRIN	290	U	
ISOPHORONE	290	U	
ISOSAFROLE	290	U	
KEPONE	290	U	
METHAPYRILENE	290	U	
METHYL METHANE SULFONATE	290	U	
METHYL PARATHION	290	U	

nsample	S2-SD-05-00-1106
samp_date	11/7/2006
lab_id	0611108-05
qc_type	NM
units	UG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	120	U	
NITROBENZENE	290	U	
N-NITROSODIETHYLAMINE	290	U	
N-NITROSODIMETHYLAMINE	290	U	
N-NITROSO-DI-N-BUTYLAMINE	290	U	
N-NITROSO-DI-N-PROPYLAMINE	290	U	
N-NITROSODIPHENYLAMINE	290	U	
N-NITROSOMETHYLETHYLAMINE	290	U	
N-NITROSOMORPHOLINE	290	U	
N-NITROSOPIPERIDINE	290	U	
N-NITROSOPYRROLIDINE	290	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	290	U	
O-TOLUIDINE	290	U	
P-(DIMETHYLAMINO)AZOBENZENE	290	U	
PENTACHLOROBENZENE	290	U	
PENTACHLOROETHANE	290	U	
PENTACHLORONITROBENZENE	290	U	
PENTACHLOROPHENOL	290	U	
PHENACETIN	290	U	
PHENANTHRENE	120	U	
PHENOL	290	U	
PHORATE	290	U	
PRONAMIDE	290	U	
PYRENE	120	U	
PYRIDINE	290	U	
SAFROLE	290	U	
SULFOTEPP	290	U	
THIONAZIN	290	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-06-00-1106	nsample	S2-SD-06-00-1106	nsample	S2-SD-06-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-06	lab_id	0611108-06	lab_id	0611108-06
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	32.0	Pct_Solids	32.0	Pct_Solids	32.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	320	U	
1,2,4-TRICHLOROBENZENE	320	U	
1,2-DICHLOROBENZENE	320	U	
1,3,5-TRINITROBENZENE	320	U	
1,3-DICHLOROBENZENE	320	U	
1,3-DINITROBENZENE	320	U	
1,4-DICHLOROBENZENE	320	U	
1,4-NAPHTHOQUINONE	320	U	
1,4-PHENYLENEDIAMINE	320	U	
1-NAPHTHYLAMINE	320	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	320	U	
2,3,4,6-TETRACHLOROPHENOL	320	U	
2,4,5-TRICHLOROPHENOL	320	U	
2,4,6-TRICHLOROPHENOL	320	U	
2,4-DICHLOROPHENOL	320	U	
2,4-DIMETHYLPHENOL	320	U	
2,4-DINITROPHENOL	320	U	
2,4-DINITROTOLUENE	320	U	
2,6-DICHLOROPHENOL	320	U	
2,6-DINITROTOLUENE	320	U	
2-ACETYLAMINOFLUORENE	320	U	
2-CHLORONAPHTHALENE	320	U	
2-CHLOROPHENOL	320	U	
2-METHYLNAPHTHALENE	130	U	
2-METHYLPHENOL	320	U	
2-NAPHTHYLAMINE	320	U	
2-NITROANILINE	320	U	
2-NITROPHENOL	320	U	
2-PICOLINE	320	U	
3,3'-DICHLOROBENZIDINE	470	U	
3,3'-DIMETHYLBENZIDINE	320	U	
3-METHYLCHOLANTHRENE	320	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	320	U	
3-NITROANILINE	320	U	
4,6-DINITRO-2-METHYLPHENOL	320	U	
4-AMINOBIPHENYL	320	U	
4-BROMOPHENYL PHENYL ETHER	320	U	
4-CHLORO-3-METHYLPHENOL	320	U	
4-CHLOROANILINE	320	U	
4-CHLOROPHENYL PHENYL ETHER	320	U	
4-METHYLPHENOL	320	U	
4-NITROANILINE	320	U	
4-NITROPHENOL	320	U	
4-NITROQUINOLINE-1-OXIDE	320	UR	C
5-NITRO-O-TOLUIDINE	320	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	320	U	
A,A-DIMETHYLPHENETHYLAMINE	320	U	
ACENAPHTHENE	130	U	
ACENAPHTHYLENE	130	U	
ACETOPHENONE	320	U	
ANILINE	320	U	
ANTHRACENE	130	U	
ARAMITE	320	U	
BENZO(A)ANTHRACENE	130	U	
BENZO(A)PYRENE	130	U	
BENZO(B)FLUORANTHENE	130	U	
BENZO(G,H,I)PERYLENE	130	U	
BENZO(K)FLUORANTHENE	130	U	
BENZOIC ACID	320	UR	E
BENZYL ALCOHOL	320	U	
BIS(2-CHLOROETHOXY)METHANE	320	U	
BIS(2-CHLOROETHYL)ETHER	320	U	
BIS(2-ETHYLHEXYL)PHTHALATE	320	U	
BUTYL BENZYL PHTHALATE	320	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	320	U	
CHRYSENE	130	U	
DIALLATE	320	U	
DIBENZO(A,H)ANTHRACENE	130	U	
DIBENZOFURAN	320	U	
DIETHYL PHTHALATE	320	U	
DIMETHOATE	320	U	
DIMETHYL PHTHALATE	320	U	
DI-N-BUTYL PHTHALATE	320	U	
DI-N-OCTYL PHTHALATE	320	U	
DINOSEB	320	U	
DIPHENYLAMINE	320	U	
DISULFOTON	320	U	
ETHYL METHANE SULFONATE	320	U	
ETHYL PARATHION	320	U	
FAMPHUR	320	U	
FLUORANTHENE	130	U	
FLUORENE	130	U	
HEXACHLOROBENZENE	320	U	
HEXACHLOROBUTADIENE	320	U	
HEXACHLOROCYCLOPENTADIENE	320	U	
HEXACHLOROETHANE	320	U	
HEXACHLOROPHENE	320	U	
HEXACHLOROPROPENE	320	U	
INDENO(1,2,3-CD)PYRENE	130	U	
ISODRIN	320	U	
ISOPHORONE	320	U	
ISOSAFROLE	320	U	
KEPONE	320	U	
METHAPYRILENE	320	U	
METHYL METHANE SULFONATE	320	U	
METHYL PARATHION	320	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-06-00-1106
samp_date	11/7/2006
lab_id	0611108-06
qc_type	NM
units	UG/KG
Pct_Solids	32.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	130	U	
NITROBENZENE	320	U	
N-NITROSODIETHYLAMINE	320	U	
N-NITROSODIMETHYLAMINE	320	U	
N-NITROSO-DI-N-BUTYLAMINE	320	U	
N-NITROSO-DI-N-PROPYLAMINE	320	U	
N-NITROSODIPHENYLAMINE	320	U	
N-NITROSOMETHYLETHYLAMINE	320	U	
N-NITROSOMORPHOLINE	320	U	
N-NITROSOPIPERIDINE	320	U	
N-NITROSOPYRROLIDINE	320	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	320	U	
O-TOLUIDINE	320	U	
P-(DIMETHYLAMINO)AZOBENZENE	320	U	
PENTACHLOROBENZENE	320	U	
PENTACHLOROETHANE	320	U	
PENTACHLORONITROBENZENE	320	U	
PENTACHLOROPHENOL	320	U	
PHENACETIN	320	U	
PHENANTHRENE	130	U	
PHENOL	320	U	
PHORATE	320	U	
PRONAMIDE	320	U	
PYRENE	130	U	
PYRIDINE	320	U	
SAFROLE	320	U	
SULFOTEPP	320	U	
THIONAZIN	320	U	

nsample	S2-SD-07-00-1106
samp_date	11/7/2006
lab_id	0611108-07
qc_type	NM
units	UG/KG
Pct_Solids	25.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	390	UJ	Y
1,2,4-TRICHLOROBENZENE	390	UJ	Y
1,2-DICHLOROBENZENE	390	UJ	Y
1,3,5-TRINITROBENZENE	390	UJ	Y
1,3-DICHLOROBENZENE	390	UJ	Y
1,3-DINITROBENZENE	390	UJ	Y
1,4-DICHLOROBENZENE	390	UJ	Y
1,4-NAPHTHOQUINONE	390	UJ	Y
1,4-PHENYLENEDIAMINE	390	UJ	Y
1-NAPHTHYLAMINE	390	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	390	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	390	UJ	Y
2,4,5-TRICHLOROPHENOL	390	UJ	Y
2,4,6-TRICHLOROPHENOL	390	UJ	Y
2,4-DICHLOROPHENOL	390	UJ	Y
2,4-DIMETHYLPHENOL	390	UJ	Y
2,4-DINITROPHENOL	390	UJ	Y
2,4-DINITROTOLUENE	390	UJ	Y
2,6-DICHLOROPHENOL	390	UJ	Y
2,6-DINITROTOLUENE	390	UJ	Y
2-ACETYLAMINOFLUORENE	390	UJ	Y
2-CHLORONAPHTHALENE	390	UJ	Y
2-CHLOROPHENOL	390	UJ	Y
2-METHYLNAPHTHALENE	160	UJ	Y
2-METHYLPHENOL	390	UJ	Y
2-NAPHTHYLAMINE	390	UJ	Y
2-NITROANILINE	390	UJ	Y
2-NITROPHENOL	390	UJ	Y
2-PICOLINE	390	UJ	Y
3,3'-DICHLOROBENZIDINE	580	UJ	Y
3,3'-DIMETHYLBENZIDINE	390	UJ	Y
3-METHYLCHOLANTHRENE	390	UJ	Y

nsample	S2-SD-07-00-1106
samp_date	11/7/2006
lab_id	0611108-07
qc_type	NM
units	UG/KG
Pct_Solids	25.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	390	UJ	Y
3-NITROANILINE	390	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	390	UJ	Y
4-AMINOBIPHENYL	390	UJ	Y
4-BROMOPHENYL PHENYL ETHER	390	UJ	Y
4-CHLORO-3-METHYLPHENOL	390	UJ	Y
4-CHLOROANILINE	390	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	390	UJ	Y
4-METHYLPHENOL	390	UJ	Y
4-NITROANILINE	390	UJ	Y
4-NITROPHENOL	390	UJ	Y
4-NITROQUINOLINE-1-OXIDE	390	UR	C
5-NITRO-O-TOLUIDINE	390	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	390	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	390	UJ	Y
ACENAPHTHENE	160	UJ	Y
ACENAPHTHYLENE	160	UJ	Y
ACETOPHENONE	390	UJ	Y
ANILINE	390	UJ	Y
ANTHRACENE	160	UJ	Y
ARAMITE	390	UJ	Y
BENZO(A)ANTHRACENE	160	UJ	Y
BENZO(A)PYRENE	160	UJ	Y
BENZO(B)FLUORANTHENE	160	UJ	Y
BENZO(G,H,I)PERYLENE	160	UJ	Y
BENZO(K)FLUORANTHENE	160	UJ	Y
BENZOIC ACID	390	UR	E
BENZYL ALCOHOL	390	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	390	UJ	Y
BIS(2-CHLOROETHYL)ETHER	390	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	390	UJ	Y
BUTYL BENZYL PHTHALATE	390	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-07-00-1106	nsample	S2-SD-07-00-1106	nsample	S2-SD-08-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-07	lab_id	0611108-07	lab_id	0611108-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	25.0	Pct_Solids	25.0	Pct_Solids	19.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	390	UJ	Y
CHRYSENE	160	UJ	Y
DIALLATE	390	UJ	Y
DIBENZO(A,H)ANTHRACENE	160	UJ	Y
DIBENZOFURAN	390	UJ	Y
DIETHYL PHTHALATE	390	UJ	Y
DIMETHOATE	390	UJ	Y
DIMETHYL PHTHALATE	390	UJ	Y
DI-N-BUTYL PHTHALATE	390	UJ	Y
DI-N-OCTYL PHTHALATE	390	UJ	Y
DINOSEB	390	UJ	Y
DIPHENYLAMINE	390	UJ	Y
DISULFOTON	390	UJ	Y
ETHYL METHANE SULFONATE	390	UJ	Y
ETHYL PARATHION	390	UJ	Y
FAMPHUR	390	UJ	Y
FLUORANTHENE	160	UJ	Y
FLUORENE	160	UJ	Y
HEXACHLOROBENZENE	390	UJ	Y
HEXACHLOROBUTADIENE	390	UJ	Y
HEXACHLOROCYCLOPENTADIENE	390	UJ	Y
HEXACHLOROETHANE	390	UJ	Y
HEXACHLOROPHENE	390	UJ	Y
HEXACHLOROPROPENE	390	UJ	Y
INDENO(1,2,3-CD)PYRENE	160	UJ	Y
ISODRIN	390	UJ	Y
ISOPHORONE	390	UJ	Y
ISOSAFROLE	390	UJ	Y
KEPONE	390	UJ	Y
METHAPYRILENE	390	UJ	Y
METHYL METHANE SULFONATE	390	UJ	Y
METHYL PARATHION	390	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	160	UJ	Y
NITROBENZENE	390	UJ	Y
N-NITROSODIETHYLAMINE	390	UJ	Y
N-NITROSODIMETHYLAMINE	390	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	390	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	390	UJ	Y
N-NITROSODIPHENYLAMINE	390	UJ	Y
N-NITROSOMETHYLETHYLAMINE	390	UJ	Y
N-NITROSOMORPHOLINE	390	UJ	Y
N-NITROSOPIPERIDINE	390	UJ	Y
N-NITROSOPYRROLIDINE	390	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	UJ	Y
O-TOLUIDINE	390	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	390	UJ	Y
PENTACHLOROBENZENE	390	UJ	Y
PENTACHLOROETHANE	390	UJ	Y
PENTACHLORONITROBENZENE	390	UJ	Y
PENTACHLOROPHENOL	390	UJ	Y
PHENACETIN	390	UJ	Y
PHENANTHRENE	160	UJ	Y
PHENOL	390	UJ	Y
PHORATE	390	UJ	Y
PRONAMIDE	390	UJ	Y
PYRENE	300	J	PY
PYRIDINE	390	UJ	Y
SAFROLE	390	UJ	Y
SULFOTEPP	390	UJ	Y
THIONAZIN	390	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	500	UJ	Y
1,2,4-TRICHLOROBENZENE	500	UJ	Y
1,2-DICHLOROBENZENE	500	UJ	Y
1,3,5-TRINITROBENZENE	500	UJ	Y
1,3-DICHLOROBENZENE	500	UJ	Y
1,3-DINITROBENZENE	500	UJ	Y
1,4-DICHLOROBENZENE	500	UJ	Y
1,4-NAPHTHOQUINONE	500	UJ	Y
1,4-PHENYLENEDIAMINE	500	UJ	Y
1-NAPHTHYLAMINE	500	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	500	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	500	UJ	Y
2,4,5-TRICHLOROPHENOL	500	UJ	Y
2,4,6-TRICHLOROPHENOL	500	UJ	Y
2,4-DICHLOROPHENOL	500	UJ	Y
2,4-DIMETHYLPHENOL	500	UJ	Y
2,4-DINITROPHENOL	500	UJ	Y
2,4-DINITROTOLUENE	500	UJ	Y
2,6-DICHLOROPHENOL	500	UJ	Y
2,6-DINITROTOLUENE	500	UJ	Y
2-ACETYLAMINOFLUORENE	500	UJ	Y
2-CHLORONAPHTHALENE	500	UJ	Y
2-CHLOROPHENOL	500	UJ	Y
2-METHYLNAPHTHALENE	200	UJ	Y
2-METHYLPHENOL	500	UJ	Y
2-NAPHTHYLAMINE	500	UJ	Y
2-NITROANILINE	500	UJ	Y
2-NITROPHENOL	500	UJ	Y
2-PICOLINE	500	UJ	Y
3,3'-DICHLOROBENZIDINE	760	UJ	Y
3,3'-DIMETHYLBENZIDINE	500	UJ	Y
3-METHYLCHOLANTHRENE	500	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-08-00-1106	nsample	S2-SD-08-00-1106	nsample	S2-SD-08-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-08	lab_id	0611108-08	lab_id	0611108-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	19.0	Pct_Solids	19.0	Pct_Solids	19.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	500	UJ	Y
3-NITROANILINE	500	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	500	UJ	Y
4-AMINOBIPHENYL	500	UJ	Y
4-BROMOPHENYL PHENYL ETHER	500	UJ	Y
4-CHLORO-3-METHYLPHENOL	500	UJ	Y
4-CHLOROANILINE	500	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	500	UJ	Y
4-METHYLPHENOL	500	UJ	Y
4-NITROANILINE	500	UJ	Y
4-NITROPHENOL	500	UJ	Y
4-NITROQUINOLINE-1-OXIDE	500	UR	C
5-NITRO-O-TOLUIDINE	500	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	500	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	500	UJ	Y
ACENAPHTHENE	200	UJ	Y
ACENAPHTHYLENE	200	UJ	Y
ACETOPHENONE	500	UJ	Y
ANILINE	500	UJ	Y
ANTHRACENE	200	UJ	Y
ARAMITE	500	UJ	Y
BENZO(A)ANTHRACENE	200	UJ	Y
BENZO(A)PYRENE	200	UJ	Y
BENZO(B)FLUORANTHENE	200	UJ	Y
BENZO(G,H,I)PERYLENE	200	UJ	Y
BENZO(K)FLUORANTHENE	200	UJ	Y
BENZOIC ACID	500	UR	E
BENZYL ALCOHOL	500	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	500	UJ	Y
BIS(2-CHLOROETHYL)ETHER	500	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	500	UJ	Y
BUTYL BENZYL PHTHALATE	500	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	500	UJ	Y
CHRYSENE	200	UJ	Y
DIALLATE	500	UJ	Y
DIBENZO(A,H)ANTHRACENE	200	UJ	Y
DIBENZOFURAN	500	UJ	Y
DIETHYL PHTHALATE	500	UJ	Y
DIMETHOATE	500	UJ	Y
DIMETHYL PHTHALATE	500	UJ	Y
DI-N-BUTYL PHTHALATE	500	UJ	Y
DI-N-OCTYL PHTHALATE	500	UJ	Y
DINOSEB	500	UJ	Y
DIPHENYLAMINE	500	UJ	Y
DISULFOTON	500	UJ	Y
ETHYL METHANE SULFONATE	500	UJ	Y
ETHYL PARATHION	500	UJ	Y
FAMPHUR	500	UJ	Y
FLUORANTHENE	200	UJ	Y
FLUORENE	200	UJ	Y
HEXACHLOROBENZENE	500	UJ	Y
HEXACHLOROBUTADIENE	500	UJ	Y
HEXACHLOROCYCLOPENTADIENE	500	UJ	Y
HEXACHLOROETHANE	500	UJ	Y
HEXACHLOROPHENE	500	UJ	Y
HEXACHLOROPROPENE	500	UJ	Y
INDENO(1,2,3-CD)PYRENE	200	UJ	Y
ISODRIN	500	UJ	Y
ISOPHORONE	500	UJ	Y
ISOSAFROLE	500	UJ	Y
KEPONE	500	UJ	Y
METHAPYRILENE	500	UJ	Y
METHYL METHANE SULFONATE	500	UJ	Y
METHYL PARATHION	500	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	200	UJ	Y
NITROBENZENE	500	UJ	Y
N-NITROSODIETHYLAMINE	500	UJ	Y
N-NITROSODIMETHYLAMINE	500	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	500	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	500	UJ	Y
N-NITROSODIPHENYLAMINE	500	UJ	Y
N-NITROSOMETHYLETHYLAMINE	500	UJ	Y
N-NITROSOMORPHOLINE	500	UJ	Y
N-NITROSOPIPERIDINE	500	UJ	Y
N-NITROSOPYRROLIDINE	500	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	500	UJ	Y
O-TOLUIDINE	500	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	500	UJ	Y
PENTACHLOROBENZENE	500	UJ	Y
PENTACHLOROETHANE	500	UJ	Y
PENTACHLORONITROBENZENE	500	UJ	Y
PENTACHLOROPHENOL	500	UJ	Y
PHENACETIN	500	UJ	Y
PHENANTHRENE	200	UJ	Y
PHENOL	500	UJ	Y
PHORATE	500	UJ	Y
PRONAMIDE	500	UJ	Y
PYRENE	200	UJ	Y
PYRIDINE	500	UJ	Y
SAFROLE	500	UJ	Y
SULFOTEPP	500	UJ	Y
THIONAZIN	500	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-09-00-1106	nsample	S2-SD-09-00-1106	nsample	S2-SD-09-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-09	lab_id	0611108-09	lab_id	0611108-09
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	24.0	Pct_Solids	24.0	Pct_Solids	24.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	420	UJ	Y
1,2,4-TRICHLOROBENZENE	420	UJ	Y
1,2-DICHLOROBENZENE	420	UJ	Y
1,3,5-TRINITROBENZENE	420	UJ	Y
1,3-DICHLOROBENZENE	420	UJ	Y
1,3-DINITROBENZENE	420	UJ	Y
1,4-DICHLOROBENZENE	420	UJ	Y
1,4-NAPHTHOQUINONE	420	UJ	Y
1,4-PHENYLENEDIAMINE	420	UJ	Y
1-NAPHTHYLAMINE	420	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	420	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	420	UJ	Y
2,4,5-TRICHLOROPHENOL	420	UJ	Y
2,4,6-TRICHLOROPHENOL	420	UJ	Y
2,4-DICHLOROPHENOL	420	UJ	Y
2,4-DIMETHYLPHENOL	420	UJ	Y
2,4-DINITROPHENOL	420	UJ	Y
2,4-DINITROTOLUENE	420	UJ	Y
2,6-DICHLOROPHENOL	420	UJ	Y
2,6-DINITROTOLUENE	420	UJ	Y
2-ACETYLAMINOFLUORENE	420	UJ	Y
2-CHLORONAPHTHALENE	420	UJ	Y
2-CHLOROPHENOL	420	UJ	Y
2-METHYLNAPHTHALENE	170	UJ	Y
2-METHYLPHENOL	420	UJ	Y
2-NAPHTHYLAMINE	420	UJ	Y
2-NITROANILINE	420	UJ	Y
2-NITROPHENOL	420	UJ	Y
2-PICOLINE	420	UJ	Y
3,3'-DICHLOROBENZIDINE	620	UJ	Y
3,3'-DIMETHYLBENZIDINE	420	UJ	Y
3-METHYLCHOLANTHRENE	420	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	420	UJ	Y
3-NITROANILINE	420	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	420	UJ	Y
4-AMINOBIPHENYL	420	UJ	Y
4-BROMOPHENYL PHENYL ETHER	420	UJ	Y
4-CHLORO-3-METHYLPHENOL	420	UJ	Y
4-CHLOROANILINE	420	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	420	UJ	Y
4-METHYLPHENOL	420	UJ	Y
4-NITROANILINE	420	UJ	Y
4-NITROPHENOL	420	UJ	Y
4-NITROQUINOLINE-1-OXIDE	420	UR	C
5-NITRO-O-TOLUIDINE	420	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	420	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	420	UJ	Y
ACENAPHTHENE	170	UJ	Y
ACENAPHTHYLENE	170	UJ	Y
ACETOPHENONE	420	UJ	Y
ANILINE	420	UJ	Y
ANTHRACENE	170	UJ	Y
ARAMITE	420	UJ	Y
BENZO(A)ANTHRACENE	170	UJ	Y
BENZO(A)PYRENE	170	UJ	Y
BENZO(B)FLUORANTHENE	170	UJ	Y
BENZO(G,H,I)PERYLENE	170	UJ	Y
BENZO(K)FLUORANTHENE	170	UJ	Y
BENZOIC ACID	420	UR	E
BENZYL ALCOHOL	420	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	420	UJ	Y
BIS(2-CHLOROETHYL)ETHER	420	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	420	UJ	Y
BUTYL BENZYL PHTHALATE	420	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	420	UJ	Y
CHRYSENE	170	UJ	Y
DIALLATE	420	UJ	Y
DIBENZO(A,H)ANTHRACENE	170	UJ	Y
DIBENZOFURAN	420	UJ	Y
DIETHYL PHTHALATE	420	UJ	Y
DIMETHOATE	420	UJ	Y
DIMETHYL PHTHALATE	420	UJ	Y
DI-N-BUTYL PHTHALATE	420	UJ	Y
DI-N-OCTYL PHTHALATE	420	UJ	Y
DINOSEB	420	UJ	Y
DIPHENYLAMINE	420	UJ	Y
DISULFOTON	420	UJ	Y
ETHYL METHANE SULFONATE	420	UJ	Y
ETHYL PARATHION	420	UJ	Y
FAMPHUR	420	UJ	Y
FLUORANTHENE	170	UJ	Y
FLUORENE	170	UJ	Y
HEXACHLOROBENZENE	420	UJ	Y
HEXACHLOROBUTADIENE	420	UJ	Y
HEXACHLOROCYCLOPENTADIENE	420	UJ	Y
HEXACHLOROETHANE	420	UJ	Y
HEXACHLOROPHENE	420	UJ	Y
HEXACHLOROPROPENE	420	UJ	Y
INDENO(1,2,3-CD)PYRENE	170	UJ	Y
ISODRIN	420	UJ	Y
ISOPHORONE	420	UJ	Y
ISOSAFROLE	420	UJ	Y
KEPONE	420	UJ	Y
METHAPYRILENE	420	UJ	Y
METHYL METHANE SULFONATE	420	UJ	Y
METHYL PARATHION	420	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-09-00-1106	nsample	S2-SD-10-00-1106	nsample	S2-SD-10-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-09	lab_id	0611108-10	lab_id	0611108-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	24.0	Pct_Solids	35.0	Pct_Solids	35.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	170	UJ	Y
NITROBENZENE	420	UJ	Y
N-NITROSODIETHYLAMINE	420	UJ	Y
N-NITROSODIMETHYLAMINE	420	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	420	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	420	UJ	Y
N-NITROSODIPHENYLAMINE	420	UJ	Y
N-NITROSOMETHYLETHYLAMINE	420	UJ	Y
N-NITROSOMORPHOLINE	420	UJ	Y
N-NITROSOPIPERIDINE	420	UJ	Y
N-NITROSOPYRROLIDINE	420	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	420	UJ	Y
O-TOLUIDINE	420	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	420	UJ	Y
PENTACHLOROBENZENE	420	UJ	Y
PENTACHLOROETHANE	420	UJ	Y
PENTACHLORONITROBENZENE	420	UJ	Y
PENTACHLOROPHENOL	420	UJ	Y
PHENACETIN	420	UJ	Y
PHENANTHRENE	170	UJ	Y
PHENOL	420	UJ	Y
PHORATE	420	UJ	Y
PRONAMIDE	420	UJ	Y
PYRENE	170	UJ	Y
PYRIDINE	420	UJ	Y
SAFROLE	420	UJ	Y
SULFOTEPP	420	UJ	Y
THIONAZIN	420	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	280	U	
1,2,4-TRICHLOROBENZENE	280	U	
1,2-DICHLOROBENZENE	280	U	
1,3,5-TRINITROBENZENE	280	U	
1,3-DICHLOROBENZENE	280	U	
1,3-DINITROBENZENE	280	U	
1,4-DICHLOROBENZENE	280	U	
1,4-NAPHTHOQUINONE	280	U	
1,4-PHENYLENEDIAMINE	280	U	
1-NAPHTHYLAMINE	280	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	280	U	
2,3,4,6-TETRACHLOROPHENOL	280	U	
2,4,5-TRICHLOROPHENOL	280	U	
2,4,6-TRICHLOROPHENOL	280	U	
2,4-DICHLOROPHENOL	280	U	
2,4-DIMETHYLPHENOL	280	U	
2,4-DINITROPHENOL	280	U	
2,4-DINITROTOLUENE	280	U	
2,6-DICHLOROPHENOL	280	U	
2,6-DINITROTOLUENE	280	U	
2-ACETYLAMINOFLUORENE	280	U	
2-CHLORONAPHTHALENE	280	U	
2-CHLOROPHENOL	280	U	
2-METHYLNAPHTHALENE	110	U	
2-METHYLPHENOL	280	U	
2-NAPHTHYLAMINE	280	U	
2-NITROANILINE	280	U	
2-NITROPHENOL	280	U	
2-PICOLINE	280	U	
3,3'-DICHLOROBENZIDINE	410	U	
3,3'-DIMETHYLBENZIDINE	280	U	
3-METHYLCHOLANTHRENE	280	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	280	U	
3-NITROANILINE	280	U	
4,6-DINITRO-2-METHYLPHENOL	280	U	
4-AMINOBIPHENYL	280	U	
4-BROMOPHENYL PHENYL ETHER	280	U	
4-CHLORO-3-METHYLPHENOL	280	U	
4-CHLOROANILINE	280	U	
4-CHLOROPHENYL PHENYL ETHER	280	U	
4-METHYLPHENOL	280	U	
4-NITROANILINE	280	U	
4-NITROPHENOL	280	U	
4-NITROQUINOLINE-1-OXIDE	280	UR	C
5-NITRO-O-TOLUIDINE	280	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	280	U	
A,A-DIMETHYLPHENETHYLAMINE	280	U	
ACENAPHTHENE	110	U	
ACENAPHTHYLENE	110	U	
ACETOPHENONE	280	U	
ANILINE	280	U	
ANTHRACENE	110	U	
ARAMITE	280	U	
BENZO(A)ANTHRACENE	110	U	
BENZO(A)PYRENE	110	U	
BENZO(B)FLUORANTHENE	110	U	
BENZO(G,H,I)PERYLENE	110	U	
BENZO(K)FLUORANTHENE	110	U	
BENZOIC ACID	280	UR	E
BENZYL ALCOHOL	280	U	
BIS(2-CHLOROETHOXY)METHANE	280	U	
BIS(2-CHLOROETHYL)ETHER	280	U	
BIS(2-ETHYLHEXYL)PHTHALATE	280	U	
BUTYL BENZYL PHTHALATE	280	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-10-00-1106	nsample	S2-SD-10-00-1106	nsample	S2-SD-11-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/8/2006
lab_id	0611108-10	lab_id	0611108-10	lab_id	0611108-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	35.0	Pct_Solids	35.0	Pct_Solids	11.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	280	U	
CHRYSENE	110	U	
DIALLATE	280	U	
DIBENZO(A,H)ANTHRACENE	110	U	
DIBENZOFURAN	280	U	
DIETHYL PHTHALATE	280	U	
DIMETHOATE	280	U	
DIMETHYL PHTHALATE	280	U	
DI-N-BUTYL PHTHALATE	280	U	
DI-N-OCTYL PHTHALATE	280	U	
DINOSEB	280	U	
DIPHENYLAMINE	280	U	
DISULFOTON	280	U	
ETHYL METHANE SULFONATE	280	U	
ETHYL PARATHION	280	U	
FAMPHUR	280	U	
FLUORANTHENE	110	U	
FLUORENE	110	U	
HEXACHLOROBENZENE	280	U	
HEXACHLOROBUTADIENE	280	U	
HEXACHLOROCYCLOPENTADIENE	280	U	
HEXACHLOROETHANE	280	U	
HEXACHLOROPHENE	280	U	
HEXACHLOROPROPENE	280	U	
INDENO(1,2,3-CD)PYRENE	110	U	
ISODRIN	280	U	
ISOPHORONE	280	U	
ISOSAFROLE	280	U	
KEPONE	280	U	
METHAPYRILENE	280	U	
METHYL METHANE SULFONATE	280	U	
METHYL PARATHION	280	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	110	U	
NITROBENZENE	280	U	
N-NITROSODIETHYLAMINE	280	U	
N-NITROSODIMETHYLAMINE	280	U	
N-NITROSO-DI-N-BUTYLAMINE	280	U	
N-NITROSO-DI-N-PROPYLAMINE	280	U	
N-NITROSODIPHENYLAMINE	280	U	
N-NITROSOMETHYLETHYLAMINE	280	U	
N-NITROSOMORPHOLINE	280	U	
N-NITROSOPIPERIDINE	280	U	
N-NITROSOPYRROLIDINE	280	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	280	U	
O-TOLUIDINE	280	U	
P-(DIMETHYLAMINO)AZOBENZENE	280	U	
PENTACHLOROBENZENE	280	U	
PENTACHLOROETHANE	280	U	
PENTACHLORONITROBENZENE	280	U	
PENTACHLOROPHENOL	280	U	
PHENACETIN	280	U	
PHENANTHRENE	110	U	
PHENOL	280	U	
PHORATE	280	U	
PRONAMIDE	280	U	
PYRENE	110	U	
PYRIDINE	280	U	
SAFROLE	280	U	
SULFOTEPP	280	U	
THIONAZIN	280	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	860	UJ	Y
1,2,4-TRICHLOROBENZENE	860	UJ	Y
1,2-DICHLOROBENZENE	860	UJ	Y
1,3,5-TRINITROBENZENE	860	UJ	Y
1,3-DICHLOROBENZENE	860	UJ	Y
1,3-DINITROBENZENE	860	UJ	Y
1,4-DICHLOROBENZENE	860	UJ	Y
1,4-NAPHTHOQUINONE	860	UJ	Y
1,4-PHENYLENEDIAMINE	860	UJ	Y
1-NAPHTHYLAMINE	860	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	860	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	860	UJ	Y
2,4,5-TRICHLOROPHENOL	860	UJ	Y
2,4,6-TRICHLOROPHENOL	860	UJ	Y
2,4-DICHLOROPHENOL	860	UJ	Y
2,4-DIMETHYLPHENOL	860	UJ	Y
2,4-DINITROPHENOL	860	UJ	Y
2,4-DINITROTOLUENE	860	UJ	Y
2,6-DICHLOROPHENOL	860	UJ	Y
2,6-DINITROTOLUENE	860	UJ	Y
2-ACETYLAMINOFLUORENE	860	UJ	Y
2-CHLORONAPHTHALENE	860	UJ	Y
2-CHLOROPHENOL	860	UJ	Y
2-METHYLNAPHTHALENE	340	UJ	Y
2-METHYLPHENOL	860	UJ	Y
2-NAPHTHYLAMINE	860	UJ	Y
2-NITROANILINE	860	UJ	Y
2-NITROPHENOL	860	UJ	Y
2-PICOLINE	860	UJ	Y
3,3'-DICHLOROBENZIDINE	1300	UJ	Y
3,3'-DIMETHYLBENZIDINE	860	UJ	Y
3-METHYLCHOLANTHRENE	860	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-11-00-1106	nsample	S2-SD-11-00-1106	nsample	S2-SD-11-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-13	lab_id	0611108-13	lab_id	0611108-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	11.0	Pct_Solids	11.0	Pct_Solids	11.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	860	UJ	Y
3-NITROANILINE	860	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	860	UJ	Y
4-AMINOBIPHENYL	860	UJ	Y
4-BROMOPHENYL PHENYL ETHER	860	UJ	Y
4-CHLORO-3-METHYLPHENOL	860	UJ	Y
4-CHLOROANILINE	860	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	860	UJ	Y
4-METHYLPHENOL	860	UJ	Y
4-NITROANILINE	860	UJ	Y
4-NITROPHENOL	860	UJ	Y
4-NITROQUINOLINE-1-OXIDE	860	UR	C
5-NITRO-O-TOLUIDINE	860	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	860	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	860	UJ	Y
ACENAPHTHENE	340	UJ	Y
ACENAPHTHYLENE	340	UJ	Y
ACETOPHENONE	860	UJ	Y
ANILINE	860	UJ	Y
ANTHRACENE	340	UJ	Y
ARAMITE	860	UJ	Y
BENZO(A)ANTHRACENE	340	UJ	Y
BENZO(A)PYRENE	340	UJ	Y
BENZO(B)FLUORANTHENE	340	UJ	Y
BENZO(G,H,I)PERYLENE	340	UJ	Y
BENZO(K)FLUORANTHENE	340	UJ	Y
BENZOIC ACID	860	UR	E
BENZYL ALCOHOL	860	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	860	UJ	Y
BIS(2-CHLOROETHYL)ETHER	860	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	860	UJ	Y
BUTYL BENZYL PHTHALATE	860	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	860	UJ	Y
CHRYSENE	340	UJ	Y
DIALLATE	860	UJ	Y
DIBENZO(A,H)ANTHRACENE	340	UJ	Y
DIBENZOFURAN	860	UJ	Y
DIETHYL PHTHALATE	860	UJ	Y
DIMETHOATE	860	UJ	Y
DIMETHYL PHTHALATE	860	UJ	Y
DI-N-BUTYL PHTHALATE	860	UJ	Y
DI-N-OCTYL PHTHALATE	860	UJ	Y
DINOSEB	860	UJ	Y
DIPHENYLAMINE	860	UJ	Y
DISULFOTON	860	UJ	Y
ETHYL METHANE SULFONATE	860	UJ	Y
ETHYL PARATHION	860	UJ	Y
FAMPHUR	860	UJ	Y
FLUORANTHENE	340	UJ	Y
FLUORENE	340	UJ	Y
HEXACHLOROBENZENE	860	UJ	Y
HEXACHLOROBUTADIENE	860	UJ	Y
HEXACHLOROCYCLOPENTADIENE	860	UJ	Y
HEXACHLOROETHANE	860	UJ	Y
HEXACHLOROPHENE	860	UJ	Y
HEXACHLOROPROPENE	860	UJ	Y
INDENO(1,2,3-CD)PYRENE	340	UJ	Y
ISODRIN	860	UJ	Y
ISOPHORONE	860	UJ	Y
ISOSAFROLE	860	UJ	Y
KEPONE	860	UJ	Y
METHAPYRILENE	860	UJ	Y
METHYL METHANE SULFONATE	860	UJ	Y
METHYL PARATHION	860	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	340	UJ	Y
NITROBENZENE	860	UJ	Y
N-NITROSODIETHYLAMINE	860	UJ	Y
N-NITROSODIMETHYLAMINE	860	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	860	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	860	UJ	Y
N-NITROSODIPHENYLAMINE	860	UJ	Y
N-NITROSOMETHYLETHYLAMINE	860	UJ	Y
N-NITROSOMORPHOLINE	860	UJ	Y
N-NITROSOPIPERIDINE	860	UJ	Y
N-NITROSOPYRROLIDINE	860	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	860	UJ	Y
O-TOLUIDINE	860	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	860	UJ	Y
PENTACHLOROBENZENE	860	UJ	Y
PENTACHLOROETHANE	860	UJ	Y
PENTACHLORONITROBENZENE	860	UJ	Y
PENTACHLOROPHENOL	860	UJ	Y
PHENACETIN	860	UJ	Y
PHENANTHRENE	340	UJ	Y
PHENOL	860	UJ	Y
PHORATE	860	UJ	Y
PRONAMIDE	860	UJ	Y
PYRENE	340	UJ	Y
PYRIDINE	860	UJ	Y
SAFROLE	860	UJ	Y
SULFOTEPP	860	UJ	Y
THIONAZIN	860	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-12-00-1106	nsample	S2-SD-12-00-1106	nsample	S2-SD-12-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-14	lab_id	0611108-14	lab_id	0611108-14
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	21.0	Pct_Solids	21.0	Pct_Solids	21.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	460	UJ	Y
1,2,4-TRICHLOROBENZENE	460	UJ	Y
1,2-DICHLOROBENZENE	460	UJ	Y
1,3,5-TRINITROBENZENE	460	UJ	Y
1,3-DICHLOROBENZENE	460	UJ	Y
1,3-DINITROBENZENE	460	UJ	Y
1,4-DICHLOROBENZENE	460	UJ	Y
1,4-NAPHTHOQUINONE	460	UJ	Y
1,4-PHENYLENEDIAMINE	460	UJ	Y
1-NAPHTHYLAMINE	460	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	460	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	460	UJ	Y
2,4,5-TRICHLOROPHENOL	460	UJ	Y
2,4,6-TRICHLOROPHENOL	460	UJ	Y
2,4-DICHLOROPHENOL	460	UJ	Y
2,4-DIMETHYLPHENOL	460	UJ	Y
2,4-DINITROPHENOL	460	UJ	Y
2,4-DINITROTOLUENE	460	UJ	Y
2,6-DICHLOROPHENOL	460	UJ	Y
2,6-DINITROTOLUENE	460	UJ	Y
2-ACETYLAMINOFLUORENE	460	UJ	Y
2-CHLORONAPHTHALENE	460	UJ	Y
2-CHLOROPHENOL	460	UJ	Y
2-METHYLNAPHTHALENE	180	UJ	Y
2-METHYLPHENOL	460	UJ	Y
2-NAPHTHYLAMINE	460	UJ	Y
2-NITROANILINE	460	UJ	Y
2-NITROPHENOL	460	UJ	Y
2-PICOLINE	460	UJ	Y
3,3'-DICHLOROBENZIDINE	700	UJ	Y
3,3'-DIMETHYLBENZIDINE	460	UJ	Y
3-METHYLCHOLANTHRENE	460	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	460	UJ	Y
3-NITROANILINE	460	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	460	UJ	Y
4-AMINOBIPHENYL	460	UJ	Y
4-BROMOPHENYL PHENYL ETHER	460	UJ	Y
4-CHLORO-3-METHYLPHENOL	460	UJ	Y
4-CHLOROANILINE	460	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	460	UJ	Y
4-METHYLPHENOL	460	UJ	Y
4-NITROANILINE	460	UJ	Y
4-NITROPHENOL	460	UJ	Y
4-NITROQUINOLINE-1-OXIDE	460	UR	C
5-NITRO-O-TOLUIDINE	460	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	460	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	460	UJ	Y
ACENAPHTHENE	180	UJ	Y
ACENAPHTHYLENE	180	UJ	Y
ACETOPHENONE	460	UJ	Y
ANILINE	460	UJ	Y
ANTHRACENE	180	UJ	Y
ARAMITE	460	UJ	Y
BENZO(A)ANTHRACENE	180	UJ	Y
BENZO(A)PYRENE	180	UJ	Y
BENZO(B)FLUORANTHENE	180	UJ	Y
BENZO(G,H,I)PERYLENE	180	UJ	Y
BENZO(K)FLUORANTHENE	180	UJ	Y
BENZOIC ACID	460	UR	E
BENZYL ALCOHOL	460	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	460	UJ	Y
BIS(2-CHLOROETHYL)ETHER	460	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	460	UJ	Y
BUTYL BENZYL PHTHALATE	460	UJ	Y

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	460	UJ	Y
CHRYSENE	180	UJ	Y
DIALLATE	460	UJ	Y
DIBENZO(A,H)ANTHRACENE	180	UJ	Y
DIBENZOFURAN	460	UJ	Y
DIETHYL PHTHALATE	460	UJ	Y
DIMETHOATE	460	UJ	Y
DIMETHYL PHTHALATE	460	UJ	Y
DI-N-BUTYL PHTHALATE	460	UJ	Y
DI-N-OCTYL PHTHALATE	460	UJ	Y
DINOSEB	460	UJ	Y
DIPHENYLAMINE	460	UJ	Y
DISULFOTON	460	UJ	Y
ETHYL METHANE SULFONATE	460	UJ	Y
ETHYL PARATHION	460	UJ	Y
FAMPHUR	460	UJ	Y
FLUORANTHENE	180	UJ	Y
FLUORENE	180	UJ	Y
HEXACHLOROBENZENE	460	UJ	Y
HEXACHLOROBUTADIENE	460	UJ	Y
HEXACHLOROCYCLOPENTADIENE	460	UJ	Y
HEXACHLOROETHANE	460	UJ	Y
HEXACHLOROPHENE	460	UJ	Y
HEXACHLOROPROPENE	460	UJ	Y
INDENO(1,2,3-CD)PYRENE	180	UJ	Y
ISODRIN	460	UJ	Y
ISOPHORONE	460	UJ	Y
ISOSAFROLE	460	UJ	Y
KEPONE	460	UJ	Y
METHAPYRILENE	460	UJ	Y
METHYL METHANE SULFONATE	460	UJ	Y
METHYL PARATHION	460	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-12-00-1106	nsample	S2-SD-13-00-1106	nsample	S2-SD-13-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-14	lab_id	0611108-15	lab_id	0611108-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	21.0	Pct_Solids	28.0	Pct_Solids	28.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	180	UJ	Y
NITROBENZENE	460	UJ	Y
N-NITROSODIETHYLAMINE	460	UJ	Y
N-NITROSODIMETHYLAMINE	460	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	460	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	460	UJ	Y
N-NITROSODIPHENYLAMINE	460	UJ	Y
N-NITROSOMETHYLETHYLAMINE	460	UJ	Y
N-NITROSOMORPHOLINE	460	UJ	Y
N-NITROSOPIPERIDINE	460	UJ	Y
N-NITROSOPYRROLIDINE	460	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	460	UJ	Y
O-TOLUIDINE	460	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	460	UJ	Y
PENTACHLOROBENZENE	460	UJ	Y
PENTACHLOROETHANE	460	UJ	Y
PENTACHLORONITROBENZENE	460	UJ	Y
PENTACHLOROPHENOL	460	UJ	Y
PHENACETIN	460	UJ	Y
PHENANTHRENE	180	UJ	Y
PHENOL	460	UJ	Y
PHORATE	460	UJ	Y
PRONAMIDE	460	UJ	Y
PYRENE	180	UJ	Y
PYRIDINE	460	UJ	Y
SAFROLE	460	UJ	Y
SULFOTEPP	460	UJ	Y
THIONAZIN	460	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	350	UJ	Y
1,2,4-TRICHLOROBENZENE	350	UJ	Y
1,2-DICHLOROBENZENE	350	UJ	Y
1,3,5-TRINITROBENZENE	350	UJ	Y
1,3-DICHLOROBENZENE	350	UJ	Y
1,3-DINITROBENZENE	350	UJ	Y
1,4-DICHLOROBENZENE	350	UJ	Y
1,4-NAPHTHOQUINONE	350	UJ	Y
1,4-PHENYLENEDIAMINE	350	UJ	Y
1-NAPHTHYLAMINE	350	UJ	Y
2,2'-OXYBIS(1-CHLOROPROPANE)	350	UJ	Y
2,3,4,6-TETRACHLOROPHENOL	350	UJ	Y
2,4,5-TRICHLOROPHENOL	350	UJ	Y
2,4,6-TRICHLOROPHENOL	350	UJ	Y
2,4-DICHLOROPHENOL	350	UJ	Y
2,4-DIMETHYLPHENOL	350	UJ	Y
2,4-DINITROPHENOL	350	UJ	Y
2,4-DINITROTOLUENE	350	UJ	Y
2,6-DICHLOROPHENOL	350	UJ	Y
2,6-DINITROTOLUENE	350	UJ	Y
2-ACETYLAMINOFLUORENE	350	UJ	Y
2-CHLORONAPHTHALENE	350	UJ	Y
2-CHLOROPHENOL	350	UJ	Y
2-METHYLNAPHTHALENE	140	UJ	Y
2-METHYLPHENOL	350	UJ	Y
2-NAPHTHYLAMINE	350	UJ	Y
2-NITROANILINE	350	UJ	Y
2-NITROPHENOL	350	UJ	Y
2-PICOLINE	350	UJ	Y
3,3'-DICHLOROBENZIDINE	520	UJ	Y
3,3'-DIMETHYLBENZIDINE	350	UJ	Y
3-METHYLCHOLANTHRENE	350	UJ	Y

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	350	UJ	Y
3-NITROANILINE	350	UJ	Y
4,6-DINITRO-2-METHYLPHENOL	350	UJ	Y
4-AMINOBIPHENYL	350	UJ	Y
4-BROMOPHENYL PHENYL ETHER	350	UJ	Y
4-CHLORO-3-METHYLPHENOL	350	UJ	Y
4-CHLOROANILINE	350	UJ	Y
4-CHLOROPHENYL PHENYL ETHER	350	UJ	Y
4-METHYLPHENOL	350	UJ	Y
4-NITROANILINE	350	UJ	Y
4-NITROPHENOL	350	UJ	Y
4-NITROQUINOLINE-1-OXIDE	350	UR	C
5-NITRO-O-TOLUIDINE	350	UJ	Y
7,12-DIMETHYLBENZ(A)ANTHRACENE	350	UJ	Y
A,A-DIMETHYLPHENETHYLAMINE	350	UJ	Y
ACENAPHTHENE	140	UJ	Y
ACENAPHTHYLENE	140	UJ	Y
ACETOPHENONE	350	UJ	Y
ANILINE	350	UJ	Y
ANTHRACENE	140	UJ	Y
ARAMITE	350	UJ	Y
BENZO(A)ANTHRACENE	140	UJ	Y
BENZO(A)PYRENE	140	UJ	Y
BENZO(B)FLUORANTHENE	140	UJ	Y
BENZO(G,H,I)PERYLENE	140	UJ	Y
BENZO(K)FLUORANTHENE	140	UJ	Y
BENZOIC ACID	350	UR	E
BENZYL ALCOHOL	350	UJ	Y
BIS(2-CHLOROETHOXY)METHANE	350	UJ	Y
BIS(2-CHLOROETHYL)ETHER	350	UJ	Y
BIS(2-ETHYLHEXYL)PHTHALATE	350	UJ	Y
BUTYL BENZYL PHTHALATE	350	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S2-SD-13-00-1106	nsample	S2-SD-13-00-1106	nsample	S5-SD-06-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-15	lab_id	0611108-15	lab_id	0611108-16
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	28.0	Pct_Solids	28.0	Pct_Solids	40.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	350	UJ	Y
CHRYSENE	140	UJ	Y
DIALLATE	350	UJ	Y
DIBENZO(A,H)ANTHRACENE	140	UJ	Y
DIBENZOFURAN	350	UJ	Y
DIETHYL PHTHALATE	350	UJ	Y
DIMETHOATE	350	UJ	Y
DIMETHYL PHTHALATE	350	UJ	Y
DI-N-BUTYL PHTHALATE	350	UJ	Y
DI-N-OCTYL PHTHALATE	350	UJ	Y
DINOSEB	350	UJ	Y
DIPHENYLAMINE	350	UJ	Y
DISULFOTON	350	UJ	Y
ETHYL METHANE SULFONATE	350	UJ	Y
ETHYL PARATHION	350	UJ	Y
FAMPHUR	350	UJ	Y
FLUORANTHENE	140	UJ	Y
FLUORENE	140	UJ	Y
HEXACHLOROBENZENE	350	UJ	Y
HEXACHLOROBUTADIENE	350	UJ	Y
HEXACHLOROCYCLOPENTADIENE	350	UJ	Y
HEXACHLOROETHANE	350	UJ	Y
HEXACHLOROPHENE	350	UJ	Y
HEXACHLOROPROPENE	350	UJ	Y
INDENO(1,2,3-CD)PYRENE	140	UJ	Y
ISODRIN	350	UJ	Y
ISOPHORONE	350	UJ	Y
ISOSAFROLE	350	UJ	Y
KEPONE	350	UJ	Y
METHAPYRILENE	350	UJ	Y
METHYL METHANE SULFONATE	350	UJ	Y
METHYL PARATHION	350	UJ	Y

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	140	UJ	Y
NITROBENZENE	350	UJ	Y
N-NITROSODIETHYLAMINE	350	UJ	Y
N-NITROSODIMETHYLAMINE	350	UJ	Y
N-NITROSO-DI-N-BUTYLAMINE	350	UJ	Y
N-NITROSO-DI-N-PROPYLAMINE	350	UJ	Y
N-NITROSODIPHENYLAMINE	350	UJ	Y
N-NITROSOMETHYLETHYLAMINE	350	UJ	Y
N-NITROSOMORPHOLINE	350	UJ	Y
N-NITROSOPIPERIDINE	350	UJ	Y
N-NITROSOPYRROLIDINE	350	UJ	Y
O,O,O-TRIETHYL PHOSPHOROTHIOATE	350	UJ	Y
O-TOLUIDINE	350	UJ	Y
P-(DIMETHYLAMINO)AZOBENZENE	350	UJ	Y
PENTACHLOROBENZENE	350	UJ	Y
PENTACHLOROETHANE	350	UJ	Y
PENTACHLORONITROBENZENE	350	UJ	Y
PENTACHLOROPHENOL	350	UJ	Y
PHENACETIN	350	UJ	Y
PHENANTHRENE	140	UJ	Y
PHENOL	350	UJ	Y
PHORATE	350	UJ	Y
PRONAMIDE	350	UJ	Y
PYRENE	140	UJ	Y
PYRIDINE	350	UJ	Y
SAFROLE	350	UJ	Y
SULFOTEPP	350	UJ	Y
THIONAZIN	350	UJ	Y

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	240	U	
1,2,4-TRICHLOROBENZENE	240	U	
1,2-DICHLOROBENZENE	240	U	
1,3,5-TRINITROBENZENE	240	U	
1,3-DICHLOROBENZENE	240	U	
1,3-DINITROBENZENE	240	U	
1,4-DICHLOROBENZENE	240	U	
1,4-NAPHTHOQUINONE	240	U	
1,4-PHENYLENEDIAMINE	240	U	
1-NAPHTHYLAMINE	240	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	240	U	
2,3,4,6-TETRACHLOROPHENOL	240	U	
2,4,5-TRICHLOROPHENOL	240	U	
2,4,6-TRICHLOROPHENOL	240	U	
2,4-DICHLOROPHENOL	240	U	
2,4-DIMETHYLPHENOL	240	U	
2,4-DINITROPHENOL	240	U	
2,4-DINITROTOLUENE	240	U	
2,6-DICHLOROPHENOL	240	U	
2,6-DINITROTOLUENE	240	U	
2-ACETYLAMINOFLUORENE	240	U	
2-CHLORONAPHTHALENE	240	U	
2-CHLOROPHENOL	240	U	
2-METHYLNAPHTHALENE	98	U	
2-METHYLPHENOL	240	U	
2-NAPHTHYLAMINE	240	U	
2-NITROANILINE	240	U	
2-NITROPHENOL	240	U	
2-PICOLINE	240	U	
3,3'-DICHLOROBENZIDINE	370	U	
3,3'-DIMETHYLBENZIDINE	240	U	
3-METHYLCHOLANTHRENE	240	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-06-00-1106	nsample	S5-SD-06-00-1106	nsample	S5-SD-06-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-16	lab_id	0611108-16	lab_id	0611108-16
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	40.0	Pct_Solids	40.0	Pct_Solids	40.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	240	U	
3-NITROANILINE	240	U	
4,6-DINITRO-2-METHYLPHENOL	240	U	
4-AMINOBIPHENYL	240	U	
4-BROMOPHENYL PHENYL ETHER	240	U	
4-CHLORO-3-METHYLPHENOL	240	U	
4-CHLOROANILINE	240	U	
4-CHLOROPHENYL PHENYL ETHER	240	U	
4-METHYLPHENOL	240	U	
4-NITROANILINE	240	U	
4-NITROPHENOL	240	U	
4-NITROQUINOLINE-1-OXIDE	240	UR	C
5-NITRO-O-TOLUIDINE	240	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	240	U	
A,A-DIMETHYLPHENETHYLAMINE	240	U	
ACENAPHTHENE	98	U	
ACENAPHTHYLENE	98	U	
ACETOPHENONE	240	U	
ANILINE	240	U	
ANTHRACENE	98	U	
ARAMITE	240	U	
BENZO(A)ANTHRACENE	98	U	
BENZO(A)PYRENE	98	U	
BENZO(B)FLUORANTHENE	98	U	
BENZO(G,H,I)PERYLENE	98	U	
BENZO(K)FLUORANTHENE	98	U	
BENZOIC ACID	240	UR	E
BENZYL ALCOHOL	240	U	
BIS(2-CHLOROETHOXY)METHANE	240	U	
BIS(2-CHLOROETHYL)ETHER	240	U	
BIS(2-ETHYLHEXYL)PHTHALATE	240	U	
BUTYL BENZYL PHTHALATE	240	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	240	U	
CHRYSENE	98	U	
DIALLATE	240	U	
DIBENZO(A,H)ANTHRACENE	98	U	
DIBENZOFURAN	240	U	
DIETHYL PHTHALATE	240	U	
DIMETHOATE	240	U	
DIMETHYL PHTHALATE	240	U	
DI-N-BUTYL PHTHALATE	240	U	
DI-N-OCTYL PHTHALATE	240	U	
DINOSEB	240	U	
DIPHENYLAMINE	240	U	
DISULFOTON	240	U	
ETHYL METHANE SULFONATE	240	U	
ETHYL PARATHION	240	U	
FAMPHUR	240	U	
FLUORANTHENE	98	U	
FLUORENE	98	U	
HEXACHLOROBENZENE	240	U	
HEXACHLOROBUTADIENE	240	U	
HEXACHLOROCYCLOPENTADIENE	240	U	
HEXACHLOROETHANE	240	U	
HEXACHLOROPHENE	240	U	
HEXACHLOROPROPENE	240	U	
INDENO(1,2,3-CD)PYRENE	98	U	
ISODRIN	240	U	
ISOPHORONE	240	U	
ISOSAFROLE	240	U	
KEPONE	240	U	
METHAPYRILENE	240	U	
METHYL METHANE SULFONATE	240	U	
METHYL PARATHION	240	U	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	98	U	
NITROBENZENE	240	U	
N-NITROSODIETHYLAMINE	240	U	
N-NITROSODIMETHYLAMINE	240	U	
N-NITROSO-DI-N-BUTYLAMINE	240	U	
N-NITROSO-DI-N-PROPYLAMINE	240	U	
N-NITROSODIPHENYLAMINE	240	U	
N-NITROSOMETHYLETHYLAMINE	240	U	
N-NITROSOMORPHOLINE	240	U	
N-NITROSOPIPERIDINE	240	U	
N-NITROSOPYRROLIDINE	240	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	240	U	
O-TOLUIDINE	240	U	
P-(DIMETHYLAMINO)AZOBENZENE	240	U	
PENTACHLOROBENZENE	240	U	
PENTACHLOROETHANE	240	U	
PENTACHLORONITROBENZENE	240	U	
PENTACHLOROPHENOL	240	U	
PHENACETIN	240	U	
PHENANTHRENE	98	U	
PHENOL	240	U	
PHORATE	240	U	
PRONAMIDE	240	U	
PYRENE	98	U	
PYRIDINE	240	U	
SAFROLE	240	U	
SULFOTEPP	240	U	
THIONAZIN	240	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-07-00-1106	nsample	S5-SD-07-00-1106	nsample	S5-SD-07-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611108-17	lab_id	0611108-17	lab_id	0611108-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	46.0	Pct_Solids	46.0	Pct_Solids	46.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	210	U	
1,2,4-TRICHLOROBENZENE	210	U	
1,2-DICHLOROBENZENE	210	U	
1,3,5-TRINITROBENZENE	210	U	
1,3-DICHLOROBENZENE	210	U	
1,3-DINITROBENZENE	210	U	
1,4-DICHLOROBENZENE	210	U	
1,4-NAPHTHOQUINONE	210	U	
1,4-PHENYLENEDIAMINE	210	U	
1-NAPHTHYLAMINE	210	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	210	U	
2,3,4,6-TETRACHLOROPHENOL	210	U	
2,4,5-TRICHLOROPHENOL	210	U	
2,4,6-TRICHLOROPHENOL	210	U	
2,4-DICHLOROPHENOL	210	U	
2,4-DIMETHYLPHENOL	210	U	
2,4-DINITROPHENOL	210	U	
2,4-DINITROTOLUENE	210	U	
2,6-DICHLOROPHENOL	210	U	
2,6-DINITROTOLUENE	210	U	
2-ACETYLAMINOFLUORENE	210	U	
2-CHLORONAPHTHALENE	210	U	
2-CHLOROPHENOL	210	U	
2-METHYLNAPHTHALENE	84	U	
2-METHYLPHENOL	210	U	
2-NAPHTHYLAMINE	210	U	
2-NITROANILINE	210	U	
2-NITROPHENOL	210	U	
2-PICOLINE	210	U	
3,3'-DICHLOROBENZIDINE	310	U	
3,3'-DIMETHYLBENZIDINE	210	U	
3-METHYLCHOLANTHRENE	210	U	

Parameter	Result	Val Qual	Qual Code
3-METHYLPHENOL	210	U	
3-NITROANILINE	210	U	
4,6-DINITRO-2-METHYLPHENOL	210	U	
4-AMINOBIPHENYL	210	U	
4-BROMOPHENYL PHENYL ETHER	210	U	
4-CHLORO-3-METHYLPHENOL	210	U	
4-CHLOROANILINE	210	U	
4-CHLOROPHENYL PHENYL ETHER	210	U	
4-METHYLPHENOL	210	U	
4-NITROANILINE	210	U	
4-NITROPHENOL	210	U	
4-NITROQUINOLINE-1-OXIDE	210	UR	C
5-NITRO-O-TOLUIDINE	210	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	210	U	
A,A-DIMETHYLPHENETHYLAMINE	210	U	
ACENAPHTHENE	84	U	
ACENAPHTHYLENE	84	U	
ACETOPHENONE	210	U	
ANILINE	210	U	
ANTHRACENE	84	U	
ARAMITE	210	U	
BENZO(A)ANTHRACENE	84	U	
BENZO(A)PYRENE	84	U	
BENZO(B)FLUORANTHENE	84	U	
BENZO(G,H,I)PERYLENE	84	U	
BENZO(K)FLUORANTHENE	84	U	
BENZOIC ACID	210	UR	E
BENZYL ALCOHOL	210	U	
BIS(2-CHLOROETHOXY)METHANE	210	U	
BIS(2-CHLOROETHYL)ETHER	210	U	
BIS(2-ETHYLHEXYL)PHTHALATE	210	U	
BUTYL BENZYL PHTHALATE	210	U	

Parameter	Result	Val Qual	Qual Code
CHLOROBENZILATE	210	U	
CHRYSENE	84	U	
DIALLATE	210	U	
DIBENZO(A,H)ANTHRACENE	84	U	
DIBENZOFURAN	210	U	
DIETHYL PHTHALATE	210	U	
DIMETHOATE	210	U	
DIMETHYL PHTHALATE	210	U	
DI-N-BUTYL PHTHALATE	210	U	
DI-N-OCTYL PHTHALATE	210	U	
DINOSEB	210	U	
DIPHENYLAMINE	210	U	
DISULFOTON	210	U	
ETHYL METHANE SULFONATE	210	U	
ETHYL PARATHION	210	U	
FAMPHUR	210	U	
FLUORANTHENE	84	U	
FLUORENE	84	U	
HEXACHLOROBENZENE	210	U	
HEXACHLOROBUTADIENE	210	U	
HEXACHLOROCYCLOPENTADIENE	210	U	
HEXACHLOROETHANE	210	U	
HEXACHLOROPHENE	210	U	
HEXACHLOROPROPENE	210	U	
INDENO(1,2,3-CD)PYRENE	84	U	
ISODRIN	210	U	
ISOPHORONE	210	U	
ISOSAFROLE	210	U	
KEPONE	210	U	
METHAPYRILENE	210	U	
METHYL METHANE SULFONATE	210	U	
METHYL PARATHION	210	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: OS

nsample	S5-SD-07-00-1106
samp_date	11/8/2006
lab_id	0611108-17
qc_type	NM
units	UG/KG
Pct_Solids	46.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	84	U	
NITROBENZENE	210	U	
N-NITROSODIETHYLAMINE	210	U	
N-NITROSODIMETHYLAMINE	210	U	
N-NITROSO-DI-N-BUTYLAMINE	210	U	
N-NITROSO-DI-N-PROPYLAMINE	210	U	
N-NITROSODIPHENYLAMINE	210	U	
N-NITROSOMETHYLETHYLAMINE	210	U	
N-NITROSOMORPHOLINE	210	U	
N-NITROSOPIPERIDINE	210	U	
N-NITROSOPYRROLIDINE	210	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	210	U	
O-TOLUIDINE	210	U	
P-(DIMETHYLAMINO)AZOBENZENE	210	U	
PENTACHLOROBENZENE	210	U	
PENTACHLOROETHANE	210	U	
PENTACHLORONITROBENZENE	210	U	
PENTACHLOROPHENOL	210	U	
PHENACETIN	210	U	
PHENANTHRENE	84	U	
PHENOL	210	U	
PHORATE	210	U	
PRONAMIDE	210	U	
PYRENE	84	U	
PYRIDINE	210	U	
SAFROLE	210	U	
SULFOTEPP	210	U	
THIONAZIN	210	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-10-00-1106	nsample	S1-SD-11-00-1106	nsample	S1-SD-12-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/9/2006
lab_id	0611108-11	lab_id	0611108-12	lab_id	0611108-22
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	50.0	Pct_Solids	38.0	Pct_Solids	63.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.4	J	P
4,4'-DDE	1.8	J	P
4,4'-DDT	3.6		
ALDRIN	0.42	U	
ALPHA-BHC	0.42	U	
BETA-BHC	0.42	U	
DELTA-BHC	0.42	U	
DIELDRIN	0.64	U	
ENDOSULFAN I	0.42	U	
ENDOSULFAN II	0.64	U	
ENDOSULFAN SULFATE	0.64	U	
ENDRIN	0.64	U	
ENDRIN ALDEHYDE	0.64	U	
GAMMA-BHC (LINDANE)	0.42	U	
HEPTACHLOR	0.42	U	
HEPTACHLOR EPOXIDE	0.42	U	
METHOXYCHLOR	0.42	U	
TOXAPHENE	42	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	6.9		
4,4'-DDE	9.1		
4,4'-DDT	6.5		
ALDRIN	0.56	U	
ALPHA-BHC	0.56	U	
BETA-BHC	0.56	U	
DELTA-BHC	0.56	U	
DIELDRIN	0.85	U	
ENDOSULFAN I	0.56	U	
ENDOSULFAN II	0.85	U	
ENDOSULFAN SULFATE	0.85	U	
ENDRIN	0.85	U	
ENDRIN ALDEHYDE	0.85	U	
GAMMA-BHC (LINDANE)	0.56	U	
HEPTACHLOR	0.56	U	
HEPTACHLOR EPOXIDE	0.56	U	
METHOXYCHLOR	0.56	U	
TOXAPHENE	56	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	20		
4,4'-DDE	20		
4,4'-DDT	21		
ALDRIN	0.34	U	
ALPHA-BHC	0.34	U	
BETA-BHC	0.34	U	
DELTA-BHC	0.34	U	
DIELDRIN	0.52	U	
ENDOSULFAN I	0.34	U	
ENDOSULFAN II	5.4		
ENDOSULFAN SULFATE	0.52	U	
ENDRIN	0.52	U	
ENDRIN ALDEHYDE	0.52	U	
GAMMA-BHC (LINDANE)	0.34	U	
HEPTACHLOR	0.34	U	
HEPTACHLOR EPOXIDE	0.34	U	
METHOXYCHLOR	0.34	U	
TOXAPHENE	34	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S1-SD-13-00-1106
samp_date	11/9/2006
lab_id	0611108-23
qc_type	NM
units	UG/KG
Pct_Solids	39.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	3.8		
4,4'-DDE	3.9		
4,4'-DDT	1.6	J	P
ALDRIN	0.55	U	
ALPHA-BHC	0.55	U	
BETA-BHC	0.55	U	
DELTA-BHC	0.55	U	
DIELDRIN	0.83	U	
ENDOSULFAN I	0.55	U	
ENDOSULFAN II	0.83	U	
ENDOSULFAN SULFATE	0.83	U	
ENDRIN	0.83	U	
ENDRIN ALDEHYDE	0.83	U	
GAMMA-BHC (LINDANE)	0.55	U	
HEPTACHLOR	0.55	U	
HEPTACHLOR EPOXIDE	0.55	U	
METHOXYCHLOR	0.55	U	
TOXAPHENE	55	U	

nsample	S2-SD-01-00-1106
samp_date	11/7/2006
lab_id	0611108-01
qc_type	NM
units	UG/KG
Pct_Solids	26.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	14	J	Y
4,4'-DDT	3.6	J	Y
ALDRIN	0.8	UJ	Y
ALPHA-BHC	0.8	UJ	Y
BETA-BHC	0.8	UJ	Y
DELTA-BHC	0.8	UJ	Y
DIELDRIN	1.2	UJ	Y
ENDOSULFAN I	0.8	UJ	Y
ENDOSULFAN II	1.2	UJ	Y
ENDOSULFAN SULFATE	1.2	UJ	Y
ENDRIN	4.3	J	PY
ENDRIN ALDEHYDE	2.7	J	PY
GAMMA-BHC (LINDANE)	0.8	UJ	Y
HEPTACHLOR	0.8	UJ	Y
HEPTACHLOR EPOXIDE	0.8	UJ	Y
METHOXYCHLOR	0.8	UJ	Y
TOXAPHENE	80	UJ	Y

nsample	S2-SD-01-00-1106DL
samp_date	11/7/2006
lab_id	0611108-01DL
qc_type	NM
units	UG/KG
Pct_Solids	26.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	780	J	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-02-00-1106	nsample	S2-SD-02-00-1106DL	nsample	S2-SD-03-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-02	lab_id	0611108-02DL	lab_id	0611108-03
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	33.0	Pct_Solids	33.0	Pct_Solids	29.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	8.6		
4,4'-DDT	0.95	U	
ALDRIN	0.63	U	
ALPHA-BHC	0.63	U	
BETA-BHC	0.63	U	
DELTA-BHC	0.63	U	
DIELDRIN	0.95	U	
ENDOSULFAN I	0.63	U	
ENDOSULFAN II	0.95	U	
ENDOSULFAN SULFATE	0.95	U	
ENDRIN	3.4	J	P
ENDRIN ALDEHYDE	2.4	J	P
GAMMA-BHC (LINDANE)	0.63	U	
HEPTACHLOR	0.63	U	
HEPTACHLOR EPOXIDE	0.63	U	
METHOXYCHLOR	0.63	U	
TOXAPHENE	63	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	310		

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	9.4	J	Y
4,4'-DDT	1.2	UJ	Y
ALDRIN	0.76	UJ	Y
ALPHA-BHC	0.76	UJ	Y
BETA-BHC	0.76	UJ	Y
DELTA-BHC	0.76	UJ	Y
DIELDRIN	1.2	UJ	Y
ENDOSULFAN I	0.76	UJ	Y
ENDOSULFAN II	1.2	UJ	Y
ENDOSULFAN SULFATE	1.2	UJ	Y
ENDRIN	1.4	R	U
ENDRIN ALDEHYDE	1.2	UJ	Y
GAMMA-BHC (LINDANE)	0.76	UJ	Y
HEPTACHLOR	0.76	UJ	Y
HEPTACHLOR EPOXIDE	0.76	UJ	Y
METHOXYCHLOR	0.76	UJ	Y
TOXAPHENE	76	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-03-00-1106DL
samp_date	11/7/2006
lab_id	0611108-03DL
qc_type	NM
units	UG/KG
Pct_Solids	29.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	350	J	Y

nsample	S2-SD-04-00-1106
samp_date	11/7/2006
lab_id	0611108-04
qc_type	NM
units	UG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	16	J	Y
4,4'-DDT	3.2	J	PY
ALDRIN	0.78	UJ	Y
ALPHA-BHC	0.78	UJ	Y
BETA-BHC	0.78	UJ	Y
DELTA-BHC	0.78	UJ	Y
DIELDRIN	1.2	UJ	Y
ENDOSULFAN I	0.78	UJ	Y
ENDOSULFAN II	1.2	UJ	Y
ENDOSULFAN SULFATE	1.2	UJ	Y
ENDRIN	4.5	J	PY
ENDRIN ALDEHYDE	3.5	J	PY
GAMMA-BHC (LINDANE)	0.78	UJ	Y
HEPTACHLOR	0.78	UJ	Y
HEPTACHLOR EPOXIDE	0.78	UJ	Y
METHOXYCHLOR	0.78	UJ	Y
TOXAPHENE	78	UJ	Y

nsample	S2-SD-04-00-1106DL
samp_date	11/7/2006
lab_id	0611108-04DL
qc_type	NM
units	UG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	450	J	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-05-00-1106	nsample	S2-SD-05-00-1106DL	nsample	S2-SD-06-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611108-05	lab_id	0611108-05DL	lab_id	0611108-06
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	34.0	Pct_Solids	34.0	Pct_Solids	31.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.96	U	
4,4'-DDT	0.96	U	
ALDRIN	0.63	U	
ALPHA-BHC	0.63	U	
BETA-BHC	0.63	U	
DELTA-BHC	0.63	U	
DIELDRIN	0.96	U	
ENDOSULFAN I	0.63	U	
ENDOSULFAN II	0.96	U	
ENDOSULFAN SULFATE	0.96	U	
ENDRIN	0.96	U	
ENDRIN ALDEHYDE	0.96	U	
GAMMA-BHC (LINDANE)	0.63	U	
HEPTACHLOR	0.63	U	
HEPTACHLOR EPOXIDE	0.63	U	
METHOXYCHLOR	0.63	U	
TOXAPHENE	63	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	150	D	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	12		
4,4'-DDT	7.7		
ALDRIN	0.68	U	
ALPHA-BHC	0.68	U	
BETA-BHC	0.68	U	
DELTA-BHC	0.68	U	
DIELDRIN	1	U	
ENDOSULFAN I	0.68	U	
ENDOSULFAN II	2	J	P
ENDOSULFAN SULFATE	1	U	
ENDRIN	1.2	R	U
ENDRIN ALDEHYDE	2.6	J	P
GAMMA-BHC (LINDANE)	0.68	U	
HEPTACHLOR	0.68	U	
HEPTACHLOR EPOXIDE	0.68	U	
METHOXYCHLOR	0.68	U	
TOXAPHENE	68	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-06-00-1106DL
samp_date	11/7/2006
lab_id	0611108-06DL
qc_type	NM
units	UG/KG
Pct_Solids	31.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	470		

nsample	S2-SD-07-00-1106
samp_date	11/7/2006
lab_id	0611108-07
qc_type	NM
units	UG/KG
Pct_Solids	25.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	11	J	Y
4,4'-DDT	8.9	J	Y
ALDRIN	0.85	UJ	Y
ALPHA-BHC	0.85	UJ	Y
BETA-BHC	0.85	UJ	Y
DELTA-BHC	0.85	UJ	Y
DIELDRIN	1.3	UJ	Y
ENDOSULFAN I	0.85	UJ	Y
ENDOSULFAN II	1.3	UJ	Y
ENDOSULFAN SULFATE	1.3	UJ	Y
ENDRIN	1.3	UJ	Y
ENDRIN ALDEHYDE	2.4	J	PY
GAMMA-BHC (LINDANE)	0.85	UJ	Y
HEPTACHLOR	0.85	UJ	Y
HEPTACHLOR EPOXIDE	0.85	UJ	Y
METHOXYCHLOR	0.85	UJ	Y
TOXAPHENE	85	UJ	Y

nsample	S2-SD-07-00-1106DL
samp_date	11/7/2006
lab_id	0611108-07DL
qc_type	NM
units	UG/KG
Pct_Solids	25.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	400		

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-08-00-1106
samp_date	11/7/2006
lab_id	0611108-08
qc_type	NM
units	UG/KG
Pct_Solids	19.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	15	J	Y
4,4'-DDT	1.7	UJ	Y
ALDRIN	1.1	UJ	Y
ALPHA-BHC	1.1	UJ	Y
BETA-BHC	1.1	UJ	Y
DELTA-BHC	1.1	UJ	Y
DIELDRIN	1.7	UJ	Y
ENDOSULFAN I	1.1	UJ	Y
ENDOSULFAN II	1.7	UJ	Y
ENDOSULFAN SULFATE	1.7	UJ	Y
ENDRIN	6.5	J	PY
ENDRIN ALDEHYDE	4.4	J	PY
GAMMA-BHC (LINDANE)	1.1	UJ	Y
HEPTACHLOR	1.1	UJ	Y
HEPTACHLOR EPOXIDE	1.1	UJ	Y
METHOXYCHLOR	1.1	UJ	Y
TOXAPHENE	110	UJ	Y

nsample	S2-SD-08-00-1106DL
samp_date	11/7/2006
lab_id	0611108-08DL
qc_type	NM
units	UG/KG
Pct_Solids	19.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	460	J	Y

nsample	S2-SD-09-00-1106
samp_date	11/7/2006
lab_id	0611108-09
qc_type	NM
units	UG/KG
Pct_Solids	24.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	10	J	Y
4,4'-DDT	8.9	J	Y
ALDRIN	0.91	UJ	Y
ALPHA-BHC	0.91	UJ	Y
BETA-BHC	0.91	UJ	Y
DELTA-BHC	0.91	UJ	Y
DIELDRIN	1.4	UJ	Y
ENDOSULFAN I	0.91	UJ	Y
ENDOSULFAN II	1.4	UJ	Y
ENDOSULFAN SULFATE	1.4	UJ	Y
ENDRIN	5.8	J	Y
ENDRIN ALDEHYDE	1.4	UJ	Y
GAMMA-BHC (LINDANE)	0.91	UJ	Y
HEPTACHLOR	0.91	UJ	Y
HEPTACHLOR EPOXIDE	0.91	UJ	Y
METHOXYCHLOR	0.91	UJ	Y
TOXAPHENE	91	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-09-00-1106DL
samp_date	11/7/2006
lab_id	0611108-09DL
qc_type	NM
units	UG/KG
Pct_Solids	24.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	390	J	Y

nsample	S2-SD-10-00-1106
samp_date	11/7/2006
lab_id	0611108-10
qc_type	NM
units	UG/KG
Pct_Solids	35.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	16		
4,4'-DDE	20		
4,4'-DDT	0.93	U	
ALDRIN	0.61	U	
ALPHA-BHC	0.61	U	
BETA-BHC	0.61	U	
DELTA-BHC	0.61	U	
DIELDRIN	0.93	U	
ENDOSULFAN I	0.61	U	
ENDOSULFAN II	0.93	U	
ENDOSULFAN SULFATE	0.93	U	
ENDRIN	0.93	U	
ENDRIN ALDEHYDE	0.93	U	
GAMMA-BHC (LINDANE)	0.61	U	
HEPTACHLOR	0.61	U	
HEPTACHLOR EPOXIDE	0.61	U	
METHOXYCHLOR	0.61	U	
TOXAPHENE	61	U	

nsample	S2-SD-11-00-1106
samp_date	11/8/2006
lab_id	0611108-13
qc_type	NM
units	UG/KG
Pct_Solids	11.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.8	UJ	Y
4,4'-DDT	3.4	J	PY
ALDRIN	1.9	UJ	Y
ALPHA-BHC	1.9	UJ	Y
BETA-BHC	1.9	UJ	Y
DELTA-BHC	1.9	UJ	Y
DIELDRIN	2.8	UJ	Y
ENDOSULFAN I	1.9	UJ	Y
ENDOSULFAN II	2.8	UJ	Y
ENDOSULFAN SULFATE	2.8	UJ	Y
ENDRIN	2.8	UJ	Y
ENDRIN ALDEHYDE	2.8	UJ	Y
GAMMA-BHC (LINDANE)	1.9	UJ	Y
HEPTACHLOR	1.9	UJ	Y
HEPTACHLOR EPOXIDE	1.9	UJ	Y
METHOXYCHLOR	1.9	UJ	Y
TOXAPHENE	190	UJ	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-11-00-1106DL
samp_date	11/8/2006
lab_id	0611108-13DL
qc_type	NM
units	UG/KG
Pct_Solids	11.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	260	J	Y

nsample	S2-SD-12-00-1106
samp_date	11/8/2006
lab_id	0611108-14
qc_type	NM
units	UG/KG
Pct_Solids	21.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	1.5	UJ	Y
4,4'-DDT	3.6	J	Y
ALDRIN	1	UJ	Y
ALPHA-BHC	1	UJ	Y
BETA-BHC	1	UJ	Y
DELTA-BHC	1	UJ	Y
DIELDRIN	1.5	UJ	Y
ENDOSULFAN I	1	UJ	Y
ENDOSULFAN II	1.5	UJ	Y
ENDOSULFAN SULFATE	1.5	UJ	Y
ENDRIN	6.3	R	U
ENDRIN ALDEHYDE	5.6	J	PY
GAMMA-BHC (LINDANE)	1	UJ	Y
HEPTACHLOR	1	UJ	Y
HEPTACHLOR EPOXIDE	1	UJ	Y
METHOXYCHLOR	1	UJ	Y
TOXAPHENE	100	UJ	Y

nsample	S2-SD-12-00-1106DL
samp_date	11/8/2006
lab_id	0611108-14DL
qc_type	NM
units	UG/KG
Pct_Solids	21.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDE	880	J	Y

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S2-SD-13-00-1106
samp_date	11/8/2006
lab_id	0611108-15
qc_type	NM
units	UG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDT	75	J	Y
ALDRIN	0.76	UJ	Y
ALPHA-BHC	0.76	UJ	Y
BETA-BHC	0.76	UJ	Y
DELTA-BHC	0.76	UJ	Y
DIELDRIN	2.2	R	U
ENDOSULFAN I	0.76	UJ	Y
ENDOSULFAN II	1.2	UJ	Y
ENDOSULFAN SULFATE	1.2	UJ	Y
ENDRIN	1.2	UJ	Y
ENDRIN ALDEHYDE	1.2	UJ	Y
GAMMA-BHC (LINDANE)	0.76	UJ	Y
HEPTACHLOR	0.76	UJ	Y
HEPTACHLOR EPOXIDE	3	R	U
METHOXYCHLOR	0.76	UJ	Y
TOXAPHENE	76	UJ	Y

nsample	S2-SD-13-00-1106DL
samp_date	11/8/2006
lab_id	0611108-15DL
qc_type	NM
units	UG/KG
Pct_Solids	28.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2800	J	Y
4,4'-DDE	2000	J	Y

nsample	S5-SD-06-00-1106
samp_date	11/8/2006
lab_id	0611108-16
qc_type	NM
units	UG/KG
Pct_Solids	40.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.82	U	
4,4'-DDE	0.82	U	
4,4'-DDT	0.82	U	
ALDRIN	0.54	U	
ALPHA-BHC	0.54	U	
BETA-BHC	0.54	U	
DELTA-BHC	0.54	U	
DIELDRIN	0.82	U	
ENDOSULFAN I	0.54	U	
ENDOSULFAN II	0.82	U	
ENDOSULFAN SULFATE	0.82	U	
ENDRIN	0.82	U	
ENDRIN ALDEHYDE	0.82	U	
GAMMA-BHC (LINDANE)	0.54	U	
HEPTACHLOR	0.54	U	
HEPTACHLOR EPOXIDE	0.54	U	
METHOXYCHLOR	0.54	U	
TOXAPHENE	54	U	

PROJ_NO: 00486

SDG: KEYWEST04 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	S5-SD-07-00-1106
samp_date	11/8/2006
lab_id	0611108-17
qc_type	NM
units	UG/KG
Pct_Solids	46.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.69	U	
4,4'-DDE	0.69	U	
4,4'-DDT	0.69	U	
ALDRIN	0.45	U	
ALPHA-BHC	0.45	U	
BETA-BHC	0.45	U	
DELTA-BHC	0.45	U	
DIELDRIN	0.69	U	
ENDOSULFAN I	0.45	U	
ENDOSULFAN II	0.69	U	
ENDOSULFAN SULFATE	0.69	U	
ENDRIN	0.69	U	
ENDRIN ALDEHYDE	0.69	U	
GAMMA-BHC (LINDANE)	0.45	U	
HEPTACHLOR	0.45	U	
HEPTACHLOR EPOXIDE	0.45	U	
METHOXYCHLOR	0.45	U	
TOXAPHENE	45	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1110811

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	79	660		U
208-96-8	Acenaphthylene	79	660		U
98-86-2	Acetophenone	200	660		U
53-96-3	2-Acetylaminofluorene	200	660		U
92-67-1	4-Aminobiphenyl	200	660		U
62-53-3	Aniline	200	660		U
140-57-8	Aramite	200	660		U
120-12-7	Anthracene	79	660		U
65-85-0	Benzoic acid	200	2600		U
56-55-3	Benzo(a)anthracene	79	660		U
205-99-2	Benzo(b)fluoranthene	79	660		U
207-08-9	Benzo(k)fluoranthene	79	660		U
191-24-2	Benzo(g,h,i)perylene	79	660		U
50-32-8	Benzo(a)pyrene	79	660		U
100-51-6	Benzyl alcohol	200	660		U
111-91-1	bis(2-Chloroethoxy)methane	200	660		U
111-44-4	bis(2-Chloroethyl)ether	200	660		U
108-60-1	bis(2-Chloroisopropyl)ether	200	660		U
117-81-7	Bis(2-ethylhexyl)phthalate	200	660		U
101-55-3	4-Bromophenyl-phenylether	200	660		U
85-68-7	Butylbenzylphthalate	200	660		U
106-47-8	4-Chloroaniline	200	660		U
510-15-6	Chlorobenzilate	200	660		U
59-50-7	4-Chloro-3-methylphenol	200	660		U
91-58-7	2-Chloronaphthalene	200	660		U
95-57-8	2-Chlorophenol	200	660		U
7005-72-3	4-Chlorophenyl-phenylether	200	660		U
218-01-9	Chrysene	79	660		U
2303-16-4	Diallate	200	660		U
53-70-3	Dibenz(a,h)anthracene	79	660		U
132-64-9	Dibenzofuran	200	660		U
91-94-1	3,3'-Dichlorobenzidine	300	660		U
106-46-7	1,4-Dichlorobenzene	200	660		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1110811

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	200	660		U
541-73-1	1,3-Dichlorobenzene	200	660		U
120-83-2	2,4-Dichlorophenol	200	660		U
87-65-0	2,6-Dichlorophenol	200	660		U
84-66-2	Diethylphthalate	200	660		U
60-51-5	Dimethoate	200	660		U
60-11-7	p-(Dimethylamino)azobenzene	200	660		U
57-97-6	7,12-Dimethylbenz[a]anthrace	200	660		U
119-93-7	3,3'-Dimethylbenzidine	200	660		U
122-09-8	a,a-Dimethyl-phenethylamine	200	660		U
105-67-9	2,4-Dimethylphenol	200	2600		U
131-11-3	Dimethylphthalate	200	660		U
84-74-2	Di-n-butylphthalate	200	660		U
99-65-0	m-Dinitrobenzene	200	660		U
534-52-1	4,6-Dinitro-2-methylphenol	200	2600		U
51-28-5	2,4-Dinitrophenol	200	6600		U
121-14-2	2,4-Dinitrotoluene	200	660		U
606-20-2	2,6-Dinitrotoluene	200	660		U
88-85-7	Dinoseb	200	660		U
117-84-0	Di-n-octylphthalate	200	660		U
122-39-4	Diphenylamine	200	660		U
298-04-4	Disulfoton	200	660		U
62-50-0	Ethyl methanesulfonate	200	660		U
52-85-7	Famphur	200	660		U
206-44-0	Fluoranthene	79	660		U
86-73-7	Fluorene	79	660		U
118-74-1	Hexachlorobenzene	200	660		U
87-68-3	Hexachlorobutadiene	200	660		U
77-47-4	Hexachlorocyclopentadiene	200	660		U
67-72-1	Hexachloroethane	200	660		U
70-30-4	Hexachlorophene	200	1300		U
1888-71-7	Hexachloropropene	200	660		U
193-39-5	Indeno(1,2,3-cd)pyrene	79	660		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1110811

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	200	660		U
78-59-1	Isophorone	200	660		U
120-58-1	Isosafrole	200	660		U
143-50-0	Kepone	200	660		U
91-80-5	Methapyrilene	200	660		U
56-49-5	3-Methylcholanthrene	200	660		U
66-27-3	Methyl methanesulfonate	200	660		U
91-57-6	2-Methylnaphthalene	79	660		U
298-00-0	Methyl parathion	200	660		U
106-44-5	4-Methylphenol	200	660		U
91-20-3	Naphthalene	79	660		U
95-48-7	2-Methylphenol	200	660		U
108-39-4	3-Methylphenol	200	660		U
130-15-4	1,4-Naphthoquinone	200	660		U
134-32-7	1-Naphthylamine	200	660		U
91-59-8	2-Naphthylamine	200	660		U
88-74-4	2-Nitroaniline	200	2600		U
99-09-2	3-Nitroaniline	200	2600		U
100-01-6	4-Nitroaniline	200	2600		U
98-95-3	Nitrobenzene	200	660		U
88-75-5	2-Nitrophenol	200	660		U
100-02-7	4-Nitrophenol	200	2600		U
56-57-5	4-Nitroquinoline-1-oxide	200	660		U
924-16-3	N-Nitrosodi-n-butylamine	200	660		U
55-18-5	N-Nitrosodiethylamine	200	660		U
62-75-9	N-Nitroso-di-methylamine	200	660		U
86-30-6	N-Nitrosodiphenylamine (1)	200	660		U
621-64-7	N-Nitroso-di-n-propylamine	200	660		U
10595-95-6	N-Nitrosomethylethylamine	200	660		U
59-89-2	N-Nitrosomorpholine	200	660		U
100-75-4	N-Nitrosopiperidine	200	660		U
930-55-2	N-Nitrosopyrrolidine	200	660		U
99-55-8	5-Nitro-o-toluidine	200	660		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 1110811

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:09

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	200	660		U
608-93-5	Pentachlorobenzene	200	660		U
76-01-7	Pentachloroethane	200	660		U
82-68-8	Pentachloronitrobenzene	200	660		U
87-86-5	Pentachlorophenol	200	2600		U
62-44-2	Phenacetin	200	660		U
85-01-8	Phenanthrene	79	660		U
108-95-2	Phenol	200	660		U
106-50-3	p-Phenylenediamine	200	660		U
298-02-2	Phorate	200	660		U
109-06-8	2-Picoline	200	660		U
23950-58-5	Pronamide	200	660		U
129-00-0	Pyrene	79	660	120	I
110-86-1	Pyridine	200	2600		U
94-59-7	Safrole	200	660		U
3689-24-5	Sulfotepp	200	660		U
95-94-3	1,2,4,5-Tetrachlorobenzene	200	660		U
58-90-2	2,3,4,6-Tetrachlorophenol	200	660		U
297-97-2	Thionazin	200	660		U
95-53-4	o-Toluidine	200	660		U
120-82-1	1,2,4-Trichlorobenzene	200	660		U
95-95-4	2,4,5-Trichlorophenol	200	660		U
88-06-2	2,4,6-Trichlorophenol	200	660		U
126-68-1	O,O,O-Triethylphosphorothioa	200	660		U
99-35-4	sym-Trinitrobenzene	200	660		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110812

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	100	840		U
208-96-8	Acenaphthylene	100	840		U
98-86-2	Acetophenone	250	840		U
53-96-3	2-Acetylaminofluorene	250	840		U
92-67-1	4-Aminobiphenyl	250	840		U
62-53-3	Aniline	250	840		U
140-57-8	Aramite	250	840		U
120-12-7	Anthracene	100	840		U
65-85-0	Benzoic acid	250	3400		U
56-55-3	Benzo(a)anthracene	100	840		U
205-99-2	Benzo(b)fluoranthene	100	840		U
207-08-9	Benzo(k)fluoranthene	100	840		U
191-24-2	Benzo(g,h,i)perylene	100	840		U
50-32-8	Benzo(a)pyrene	100	840		U
100-51-6	Benzyl alcohol	250	840		U
111-91-1	bis(2-Chloroethoxy)methane	250	840		U
111-44-4	bis(2-Chloroethyl)ether	250	840		U
108-60-1	bis(2-Chloroisopropyl)ether	250	840		U
117-81-7	Bis(2-ethylhexyl)phthalate	250	840		U
101-55-3	4-Bromophenyl-phenylether	250	840		U
85-68-7	Butylbenzylphthalate	250	840		U
106-47-8	4-Chloroaniline	250	840		U
510-15-6	Chlorobenzilate	250	840		U
59-50-7	4-Chloro-3-methylphenol	250	840		U
91-58-7	2-Chloronaphthalene	250	840		U
95-57-8	2-Chlorophenol	250	840		U
7005-72-3	4-Chlorophenyl-phenylether	250	840		U
218-01-9	Chrysene	100	840	210	I
2303-16-4	Diallate	250	840		U
53-70-3	Dibenz(a,h)anthracene	100	840		U
132-64-9	Dibenzofuran	250	840		U
91-94-1	3,3'-Dichlorobenzidine	380	840		U
106-46-7	1,4-Dichlorobenzene	250	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110812

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	250	840		U
541-73-1	1,3-Dichlorobenzene	250	840		U
120-83-2	2,4-Dichlorophenol	250	840		U
87-65-0	2,6-Dichlorophenol	250	840		U
84-66-2	Diethylphthalate	250	840		U
60-51-5	Dimethoate	250	840		U
60-11-7	p-(Dimethylamino)azobenzene	250	840		U
57-97-6	7,12-Dimethylbenz[a]anthrace	250	840		U
119-93-7	3,3'-Dimethylbenzidine	250	840		U
122-09-8	a,a-Dimethyl-phenethylamine	250	840		U
105-67-9	2,4-Dimethylphenol	250	3400		U
131-11-3	Dimethylphthalate	250	840		U
84-74-2	Di-n-butylphthalate	250	840		U
99-65-0	m-Dinitrobenzene	250	840		U
534-52-1	4,6-Dinitro-2-methylphenol	250	3400		U
51-28-5	2,4-Dinitrophenol	250	8400		U
121-14-2	2,4-Dinitrotoluene	250	840		U
606-20-2	2,6-Dinitrotoluene	250	840		U
88-85-7	Dinoseb	250	840		U
117-84-0	Di-n-octylphthalate	250	840		U
122-39-4	Diphenylamine	250	840		U
298-04-4	Disulfoton	250	840		U
62-50-0	Ethyl methanesulfonate	250	840		U
52-85-7	Famphur	250	840		U
206-44-0	Fluoranthene	100	840	170	I
86-73-7	Fluorene	100	840		U
118-74-1	Hexachlorobenzene	250	840		U
87-68-3	Hexachlorobutadiene	250	840		U
77-47-4	Hexachlorocyclopentadiene	250	840		U
67-72-1	Hexachloroethane	250	840		U
70-30-4	Hexachlorophene	250	1700		U
1888-71-7	Hexachloropropene	250	840		U
193-39-5	Indeno(1,2,3-cd)pyrene	100	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110812

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	250	840		U
78-59-1	Isophorone	250	840		U
120-58-1	Isosafrole	250	840		U
143-50-0	Kepone	250	840		U
91-80-5	Methapyrilene	250	840		U
56-49-5	3-Methylcholanthrene	250	840		U
66-27-3	Methyl methanesulfonate	250	840		U
91-57-6	2-Methylnaphthalene	100	840		U
298-00-0	Methyl parathion	250	840		U
106-44-5	4-Methylphenol	250	840		U
91-20-3	Naphthalene	100	840		U
95-48-7	2-Methylphenol	250	840		U
108-39-4	3-Methylphenol	250	840		U
130-15-4	1,4-Naphthoquinone	250	840		U
134-32-7	1-Naphthylamine	250	840		U
91-59-8	2-Naphthylamine	250	840		U
88-74-4	2-Nitroaniline	250	3400		U
99-09-2	3-Nitroaniline	250	3400		U
100-01-6	4-Nitroaniline	250	3400		U
98-95-3	Nitrobenzene	250	840		U
88-75-5	2-Nitrophenol	250	840		U
100-02-7	4-Nitrophenol	250	3400		U
56-57-5	4-Nitroquinoline-1-oxide	250	840		U
924-16-3	N-Nitrosodi-n-butylamine	250	840		U
55-18-5	N-Nitrosodiethylamine	250	840		U
62-75-9	N-Nitroso-di-methylamine	250	840		U
86-30-6	N-Nitrosodiphenylamine (1)	250	840		U
621-64-7	N-Nitroso-di-n-propylamine	250	840		U
10595-95-6	N-Nitrosomethylethylamine	250	840		U
59-89-2	N-Nitrosomorpholine	250	840		U
100-75-4	N-Nitrosopiperidine	250	840		U
930-55-2	N-Nitrosopyrrolidine	250	840		U
99-55-8	5-Nitro-o-toluidine	250	840		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110812

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 16:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	250	840		U
608-93-5	Pentachlorobenzene	250	840		U
76-01-7	Pentachloroethane	250	840		U
82-68-8	Pentachloronitrobenzene	250	840		U
87-86-5	Pentachlorophenol	250	3400		U
62-44-2	Phenacetin	250	840		U
85-01-8	Phenanthrene	100	840		U
108-95-2	Phenol	250	840		U
106-50-3	p-Phenylenediamine	250	840		U
298-02-2	Phorate	250	840		U
109-06-8	2-Picoline	250	840		U
23950-58-5	Pronamide	250	840		U
129-00-0	Pyrene	100	840	360	I
110-86-1	Pyridine	250	3400		U
94-59-7	Safrole	250	840		U
3689-24-5	Sulfotepp	250	840		U
95-94-3	1,2,4,5-Tetrachlorobenzene	250	840		U
58-90-2	2,3,4,6-Tetrachlorophenol	250	840		U
297-97-2	Thionazin	250	840		U
95-53-4	o-Toluidine	250	840		U
120-82-1	1,2,4-Trichlorobenzene	250	840		U
95-95-4	2,4,5-Trichlorophenol	250	840		U
88-06-2	2,4,6-Trichlorophenol	250	840		U
126-68-1	O,O,O-Triethylphosphorothioa	250	840		U
99-35-4	sym-Trinitrobenzene	250	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110822

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:11

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	63	520		U
208-96-8	Acenaphthylene	63	520		U
98-86-2	Acetophenone	160	520		U
53-96-3	2-Acetylaminofluorene	160	520		U
92-67-1	4-Aminobiphenyl	160	520		U
62-53-3	Aniline	160	520		U
140-57-8	Aramite	160	520		U
120-12-7	Anthracene	63	520		U
65-85-0	Benzoic acid	160	2100		U
56-55-3	Benzo(a)anthracene	63	520	96	I
205-99-2	Benzo(b)fluoranthene	63	520		U
207-08-9	Benzo(k)fluoranthene	63	520		U
191-24-2	Benzo(g,h,i)perylene	63	520	94	I
50-32-8	Benzo(a)pyrene	63	520		U
100-51-6	Benzyl alcohol	160	520		U
111-91-1	bis(2-Chloroethoxy)methane	160	520		U
111-44-4	bis(2-Chloroethyl)ether	160	520		U
108-60-1	bis(2-Chloroisopropyl)ether	160	520		U
117-81-7	Bis(2-ethylhexyl)phthalate	160	520		U
101-55-3	4-Bromophenyl-phenylether	160	520		U
85-68-7	Butylbenzylphthalate	160	520		U
106-47-8	4-Chloroaniline	160	520		U
510-15-6	Chlorobenzilate	160	520		U
59-50-7	4-Chloro-3-methylphenol	160	520		U
91-58-7	2-Chloronaphthalene	160	520		U
95-57-8	2-Chlorophenol	160	520		U
7005-72-3	4-Chlorophenyl-phenylether	160	520		U
218-01-9	Chrysene	63	520	210	I
2303-16-4	Diallate	160	520		U
53-70-3	Dibenz(a,h)anthracene	63	520		U
132-64-9	Dibenzofuran	160	520		U
91-94-1	3,3'-Dichlorobenzidine	240	520		U
106-46-7	1,4-Dichlorobenzene	160	520		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110822

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:11

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	160	520		U
541-73-1	1,3-Dichlorobenzene	160	520		U
120-83-2	2,4-Dichlorophenol	160	520		U
87-65-0	2,6-Dichlorophenol	160	520		U
84-66-2	Diethylphthalate	160	520		U
60-51-5	Dimethoate	160	520		U
60-11-7	p-(Dimethylamino)azobenzene	160	520		U
57-97-6	7,12-Dimethylbenz[a]anthrace	160	520		U
119-93-7	3,3'-Dimethylbenzidine	160	520		U
122-09-8	a,a-Dimethyl-phenethylamine	160	520		U
105-67-9	2,4-Dimethylphenol	160	2100		U
131-11-3	Dimethylphthalate	160	520		U
84-74-2	Di-n-butylphthalate	160	520		U
99-65-0	m-Dinitrobenzene	160	520		U
534-52-1	4,6-Dinitro-2-methylphenol	160	2100		U
51-28-5	2,4-Dinitrophenol	160	5200		U
121-14-2	2,4-Dinitrotoluene	160	520		U
606-20-2	2,6-Dinitrotoluene	160	520		U
88-85-7	Dinoseb	160	520		U
117-84-0	Di-n-octylphthalate	160	520		U
122-39-4	Diphenylamine	160	520		U
298-04-4	Disulfoton	160	520		U
62-50-0	Ethyl methanesulfonate	160	520		U
52-85-7	Famphur	160	520		U
206-44-0	Fluoranthene	63	520	180	I
86-73-7	Fluorene	63	520		U
118-74-1	Hexachlorobenzene	160	520		U
87-68-3	Hexachlorobutadiene	160	520		U
77-47-4	Hexachlorocyclopentadiene	160	520		U
67-72-1	Hexachloroethane	160	520		U
70-30-4	Hexachlorophene	160	1000		U
1888-71-7	Hexachloropropene	160	520		U
193-39-5	Indeno(1,2,3-cd)pyrene	63	520		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110822

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:11

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	160	520		U
78-59-1	Isophorone	160	520		U
120-58-1	Isosafrole	160	520		U
143-50-0	Kepone	160	520		U
91-80-5	Methapyrilene	160	520		U
56-49-5	3-Methylcholanthrene	160	520		U
66-27-3	Methyl methanesulfonate	160	520		U
91-57-6	2-Methylnaphthalene	63	520		U
298-00-0	Methyl parathion	160	520		U
106-44-5	4-Methylphenol	160	520		U
91-20-3	Naphthalene	63	520		U
95-48-7	2-Methylphenol	160	520		U
108-39-4	3-Methylphenol	160	520		U
130-15-4	1,4-Naphthoquinone	160	520		U
134-32-7	1-Naphthylamine	160	520		U
91-59-8	2-Naphthylamine	160	520		U
88-74-4	2-Nitroaniline	160	2100		U
99-09-2	3-Nitroaniline	160	2100		U
100-01-6	4-Nitroaniline	160	2100		U
98-95-3	Nitrobenzene	160	520		U
88-75-5	2-Nitrophenol	160	520		U
100-02-7	4-Nitrophenol	160	2100		U
56-57-5	4-Nitroquinoline-1-oxide	160	520		U
924-16-3	N-Nitrosodi-n-butylamine	160	520		U
55-18-5	N-Nitrosodiethylamine	160	520		U
62-75-9	N-Nitroso-di-methylamine	160	520		U
86-30-6	N-Nitrosodiphenylamine (1)	160	520		U
621-64-7	N-Nitroso-di-n-propylamine	160	520		U
10595-95-6	N-Nitrosomethylethylamine	160	520		U
59-89-2	N-Nitrosomorpholine	160	520		U
100-75-4	N-Nitrosopiperidine	160	520		U
930-55-2	N-Nitrosopyrrolidine	160	520		U
99-55-8	5-Nitro-o-toluidine	160	520		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110822

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:11

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	160	520		U
608-93-5	Pentachlorobenzene	160	520		U
76-01-7	Pentachloroethane	160	520		U
82-68-8	Pentachloronitrobenzene	160	520		U
87-86-5	Pentachlorophenol	160	2100		U
62-44-2	Phenacetin	160	520		U
85-01-8	Phenanthrene	63	520	84	I
108-95-2	Phenol	160	520		U
106-50-3	p-Phenylenediamine	160	520		U
298-02-2	Phorate	160	520		U
109-06-8	2-Picoline	160	520		U
23950-58-5	Pronamide	160	520		U
129-00-0	Pyrene	63	520	380	I
110-86-1	Pyridine	160	2100		U
94-59-7	Safrole	160	520		U
3689-24-5	Sulfotepp	160	520		U
95-94-3	1,2,4,5-Tetrachlorobenzene	160	520		U
58-90-2	2,3,4,6-Tetrachlorophenol	160	520		U
297-97-2	Thionazin	160	520		U
95-53-4	o-Toluidine	160	520		U
120-82-1	1,2,4-Trichlorobenzene	160	520		U
95-95-4	2,4,5-Trichlorophenol	160	520		U
88-06-2	2,4,6-Trichlorophenol	160	520		U
126-68-1	O,O,O-Triethylphosphorothioa	160	520		U
99-35-4	sym-Trinitrobenzene	160	520		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110823

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	100	840		U
208-96-8	Acenaphthylene	100	840		U
98-86-2	Acetophenone	250	840		U
53-96-3	2-Acetylaminofluorene	250	840		U
92-67-1	4-Aminobiphenyl	250	840		U
62-53-3	Aniline	250	840		U
140-57-8	Aramite	250	840		U
120-12-7	Anthracene	100	840		U
65-85-0	Benzoic acid	250	3400		U
56-55-3	Benzo(a)anthracene	100	840		U
205-99-2	Benzo(b)fluoranthene	100	840		U
207-08-9	Benzo(k)fluoranthene	100	840		U
191-24-2	Benzo(g,h,i)perylene	100	840		U
50-32-8	Benzo(a)pyrene	100	840		U
100-51-6	Benzyl alcohol	250	840		U
111-91-1	bis(2-Chloroethoxy)methane	250	840		U
111-44-4	bis(2-Chloroethyl)ether	250	840		U
108-60-1	bis(2-Chloroisopropyl)ether	250	840		U
117-81-7	Bis(2-ethylhexyl)phthalate	250	840		U
101-55-3	4-Bromophenyl-phenylether	250	840		U
85-68-7	Butylbenzylphthalate	250	840		U
106-47-8	4-Chloroaniline	250	840		U
510-15-6	Chlorobenzilate	250	840		U
59-50-7	4-Chloro-3-methylphenol	250	840		U
91-58-7	2-Chloronaphthalene	250	840		U
95-57-8	2-Chlorophenol	250	840		U
7005-72-3	4-Chlorophenyl-phenylether	250	840		U
218-01-9	Chrysene	100	840		U
2303-16-4	Diallate	250	840		U
53-70-3	Dibenz(a,h)anthracene	100	840		U
132-64-9	Dibenzofuran	250	840		U
91-94-1	3,3'-Dichlorobenzidine	380	840		U
106-46-7	1,4-Dichlorobenzene	250	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110823

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	250	840		U
541-73-1	1,3-Dichlorobenzene	250	840		U
120-83-2	2,4-Dichlorophenol	250	840		U
87-65-0	2,6-Dichlorophenol	250	840		U
84-66-2	Diethylphthalate	250	840		U
60-51-5	Dimethoate	250	840		U
60-11-7	p-(Dimethylamino)azobenzene	250	840		U
57-97-6	7,12-Dimethylbenz[a]anthrace	250	840		U
119-93-7	3,3'-Dimethylbenzidine	250	840		U
122-09-8	a,a-Dimethyl-phenethylamine	250	840		U
105-67-9	2,4-Dimethylphenol	250	3400		U
131-11-3	Dimethylphthalate	250	840		U
84-74-2	Di-n-butylphthalate	250	840		U
99-65-0	m-Dinitrobenzene	250	840		U
534-52-1	4,6-Dinitro-2-methylphenol	250	3400		U
51-28-5	2,4-Dinitrophenol	250	8400		U
121-14-2	2,4-Dinitrotoluene	250	840		U
606-20-2	2,6-Dinitrotoluene	250	840		U
88-85-7	Dinoseb	250	840		U
117-84-0	Di-n-octylphthalate	250	840		U
122-39-4	Diphenylamine	250	840		U
298-04-4	Disulfoton	250	840		U
62-50-0	Ethyl methanesulfonate	250	840		U
52-85-7	Famphur	250	840		U
206-44-0	Fluoranthene	100	840		U
86-73-7	Fluorene	100	840		U
118-74-1	Hexachlorobenzene	250	840		U
87-68-3	Hexachlorobutadiene	250	840		U
77-47-4	Hexachlorocyclopentadiene	250	840		U
67-72-1	Hexachloroethane	250	840		U
70-30-4	Hexachlorophene	250	1700		U
1888-71-7	Hexachloropropene	250	840		U
193-39-5	Indeno(1,2,3-cd)pyrene	100	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110823

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	250	840		U
78-59-1	Isophorone	250	840		U
120-58-1	Isosafrole	250	840		U
143-50-0	Kepone	250	840		U
91-80-5	Methapyrilene	250	840		U
56-49-5	3-Methylcholanthrene	250	840		U
66-27-3	Methyl methanesulfonate	250	840		U
91-57-6	2-Methylnaphthalene	100	840		U
298-00-0	Methyl parathion	250	840		U
106-44-5	4-Methylphenol	250	840		U
91-20-3	Naphthalene	100	840		U
95-48-7	2-Methylphenol	250	840		U
108-39-4	3-Methylphenol	250	840		U
130-15-4	1,4-Naphthoquinone	250	840		U
134-32-7	1-Naphthylamine	250	840		U
91-59-8	2-Naphthylamine	250	840		U
88-74-4	2-Nitroaniline	250	3400		U
99-09-2	3-Nitroaniline	250	3400		U
100-01-6	4-Nitroaniline	250	3400		U
98-95-3	Nitrobenzene	250	840		U
88-75-5	2-Nitrophenol	250	840		U
100-02-7	4-Nitrophenol	250	3400		U
56-57-5	4-Nitroquinoline-1-oxide	250	840		U
924-16-3	N-Nitrosodi-n-butylamine	250	840		U
55-18-5	N-Nitrosodiethylamine	250	840		U
62-75-9	N-Nitroso-di-methylamine	250	840		U
86-30-6	N-Nitrosodiphenylamine (1)	250	840		U
621-64-7	N-Nitroso-di-n-propylamine	250	840		U
10595-95-6	N-Nitrosomethylethylamine	250	840		U
59-89-2	N-Nitrosomorpholine	250	840		U
100-75-4	N-Nitrosopiperidine	250	840		U
930-55-2	N-Nitrosopyrrolidine	250	840		U
99-55-8	5-Nitro-o-toluidine	250	840		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110823

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 20:46

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	250	840		U
608-93-5	Pentachlorobenzene	250	840		U
76-01-7	Pentachloroethane	250	840		U
82-68-8	Pentachloronitrobenzene	250	840		U
87-86-5	Pentachlorophenol	250	3400		U
62-44-2	Phenacetin	250	840		U
85-01-8	Phenanthrene	100	840		U
108-95-2	Phenol	250	840		U
106-50-3	p-Phenylenediamine	250	840		U
298-02-2	Phorate	250	840		U
109-06-8	2-Picoline	250	840		U
23950-58-5	Pronamide	250	840		U
129-00-0	Pyrene	100	840	120	I
110-86-1	Pyridine	250	3400		U
94-59-7	Safrole	250	840		U
3689-24-5	Sulfotepp	250	840		U
95-94-3	1,2,4,5-Tetrachlorobenzene	250	840		U
58-90-2	2,3,4,6-Tetrachlorophenol	250	840		U
297-97-2	Thionazin	250	840		U
95-53-4	o-Toluidine	250	840		U
120-82-1	1,2,4-Trichlorobenzene	250	840		U
95-95-4	2,4,5-Trichlorophenol	250	840		U
88-06-2	2,4,6-Trichlorophenol	250	840		U
126-68-1	O,O,O-Triethylphosphorothioa	250	840		U
99-35-4	sym-Trinitrobenzene	250	840		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110801

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 16:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	150	1200		U
208-96-8	Acenaphthylene	150	1200		U
98-86-2	Acetophenone	370	1200		U
53-96-3	2-Acetylaminofluorene	370	1200		U
92-67-1	4-Aminobiphenyl	370	1200		U
62-53-3	Aniline	370	1200		U
140-57-8	Aramite	370	1200		U
120-12-7	Anthracene	150	1200		U
65-85-0	Benzoic acid	370	4900		U
56-55-3	Benzo(a)anthracene	150	1200		U
205-99-2	Benzo(b)fluoranthene	150	1200		U
207-08-9	Benzo(k)fluoranthene	150	1200		U
191-24-2	Benzo(g,h,i)perylene	150	1200		U
50-32-8	Benzo(a)pyrene	150	1200		U
100-51-6	Benzyl alcohol	370	1200		U
111-91-1	bis(2-Chloroethoxy)methane	370	1200		U
111-44-4	bis(2-Chloroethyl)ether	370	1200		U
108-60-1	bis(2-Chloroisopropyl)ether	370	1200		U
117-81-7	Bis(2-ethylhexyl)phthalate	370	1200		U
101-55-3	4-Bromophenyl-phenylether	370	1200		U
85-68-7	Butylbenzylphthalate	370	1200		U
106-47-8	4-Chloroaniline	370	1200		U
510-15-6	Chlorobenzilate	370	1200		U
59-50-7	4-Chloro-3-methylphenol	370	1200		U
91-58-7	2-Chloronaphthalene	370	1200		U
95-57-8	2-Chlorophenol	370	1200		U
7005-72-3	4-Chlorophenyl-phenylether	370	1200		U
218-01-9	Chrysene	150	1200		U
2303-16-4	Diallate	370	1200		U
53-70-3	Dibenz(a,h)anthracene	150	1200		U
132-64-9	Dibenzofuran	370	1200		U
91-94-1	3,3'-Dichlorobenzidine	560	1200		U
106-46-7	1,4-Dichlorobenzene	370	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110801

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 16:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	370	1200		U
541-73-1	1,3-Dichlorobenzene	370	1200		U
120-83-2	2,4-Dichlorophenol	370	1200		U
87-65-0	2,6-Dichlorophenol	370	1200		U
84-66-2	Diethylphthalate	370	1200		U
60-51-5	Dimethoate	370	1200		U
60-11-7	p-(Dimethylamino)azobenzene	370	1200		U
57-97-6	7,12-Dimethylbenz[a]anthrace	370	1200		U
119-93-7	3,3'-Dimethylbenzidine	370	1200		U
122-09-8	a,a-Dimethyl-phenethylamine	370	1200		U
105-67-9	2,4-Dimethylphenol	370	4900		U
131-11-3	Dimethylphthalate	370	1200		U
84-74-2	Di-n-butylphthalate	370	1200		U
99-65-0	m-Dinitrobenzene	370	1200		U
534-52-1	4,6-Dinitro-2-methylphenol	370	4900		U
51-28-5	2,4-Dinitrophenol	370	12000		U
121-14-2	2,4-Dinitrotoluene	370	1200		U
606-20-2	2,6-Dinitrotoluene	370	1200		U
88-85-7	Dinoseb	370	1200		U
117-84-0	Di-n-octylphthalate	370	1200		U
122-39-4	Diphenylamine	370	1200		U
298-04-4	Disulfoton	370	1200		U
62-50-0	Ethyl methanesulfonate	370	1200		U
52-85-7	Famphur	370	1200		U
206-44-0	Fluoranthene	150	1200		U
86-73-7	Fluorene	150	1200		U
118-74-1	Hexachlorobenzene	370	1200		U
87-68-3	Hexachlorobutadiene	370	1200		U
77-47-4	Hexachlorocyclopentadiene	370	1200		U
67-72-1	Hexachloroethane	370	1200		U
70-30-4	Hexachlorophene	370	2500		U
1888-71-7	Hexachloropropene	370	1200		U
193-39-5	Indeno(1,2,3-cd)pyrene	150	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110801

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 16:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	370	1200		U
78-59-1	Isophorone	370	1200		U
120-58-1	Isosafrole	370	1200		U
143-50-0	Kepone	370	1200		U
91-80-5	Methapyrilene	370	1200		U
56-49-5	3-Methylcholanthrene	370	1200		U
66-27-3	Methyl methanesulfonate	370	1200		U
91-57-6	2-Methylnaphthalene	150	1200		U
298-00-0	Methyl parathion	370	1200		U
106-44-5	4-Methylphenol	370	1200		U
91-20-3	Naphthalene	150	1200		U
95-48-7	2-Methylphenol	370	1200		U
108-39-4	3-Methylphenol	370	1200		U
130-15-4	1,4-Naphthoquinone	370	1200		U
134-32-7	1-Naphthylamine	370	1200		U
91-59-8	2-Naphthylamine	370	1200		U
88-74-4	2-Nitroaniline	370	4900		U
99-09-2	3-Nitroaniline	370	4900		U
100-01-6	4-Nitroaniline	370	4900		U
98-95-3	Nitrobenzene	370	1200		U
88-75-5	2-Nitrophenol	370	1200		U
100-02-7	4-Nitrophenol	370	4900		U
56-57-5	4-Nitroquinoline-1-oxide	370	1200		U
924-16-3	N-Nitrosodi-n-butylamine	370	1200		U
55-18-5	N-Nitrosodiethylamine	370	1200		U
62-75-9	N-Nitroso-di-methylamine	370	1200		U
86-30-6	N-Nitrosodiphenylamine (1)	370	1200		U
621-64-7	N-Nitroso-di-n-propylamine	370	1200		U
10595-95-6	N-Nitrosomethylethylamine	370	1200		U
59-89-2	N-Nitrosomorpholine	370	1200		U
100-75-4	N-Nitrosopiperidine	370	1200		U
930-55-2	N-Nitrosopyrrolidine	370	1200		U
99-55-8	5-Nitro-o-toluidine	370	1200		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110801

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 16:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
56-38-2	Parathion	370	1200		U
608-93-5	Pentachlorobenzene	370	1200		U
76-01-7	Pentachloroethane	370	1200		U
82-68-8	Pentachloronitrobenzene	370	1200		U
87-86-5	Pentachlorophenol	370	4900		U
62-44-2	Phenacetin	370	1200		U
85-01-8	Phenanthrene	150	1200		U
108-95-2	Phenol	370	1200		U
106-50-3	p-Phenylenediamine	370	1200		U
298-02-2	Phorate	370	1200		U
109-06-8	2-Picoline	370	1200		U
23950-58-5	Pronamide	370	1200		U
129-00-0	Pyrene	150	1200		U
110-86-1	Pyridine	370	4900		U
94-59-7	Safrole	370	1200		U
3689-24-5	Sulfotepp	370	1200		U
95-94-3	1,2,4,5-Tetrachlorobenzene	370	1200		U
58-90-2	2,3,4,6-Tetrachlorophenol	370	1200		U
297-97-2	Thionazin	370	1200		U
95-53-4	o-Toluidine	370	1200		U
120-82-1	1,2,4-Trichlorobenzene	370	1200		U
95-95-4	2,4,5-Trichlorophenol	370	1200		U
88-06-2	2,4,6-Trichlorophenol	370	1200		U
126-68-1	O,O,O-Triethylphosphorothioa	370	1200		U
99-35-4	sym-Trinitrobenzene	370	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110802

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:05

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	110	950		U
208-96-8	Acenaphthylene	110	950		U
98-86-2	Acetophenone	280	950		U
53-96-3	2-Acetylaminofluorene	280	950		U
92-67-1	4-Aminobiphenyl	280	950		U
62-53-3	Aniline	280	950		U
140-57-8	Aramite	280	950		U
120-12-7	Anthracene	110	950		U
65-85-0	Benzoic acid	280	3800		U
56-55-3	Benzo(a)anthracene	110	950		U
205-99-2	Benzo(b)fluoranthene	110	950		U
207-08-9	Benzo(k)fluoranthene	110	950		U
191-24-2	Benzo(g,h,i)perylene	110	950		U
50-32-8	Benzo(a)pyrene	110	950		U
100-51-6	Benzyl alcohol	280	950		U
111-91-1	bis(2-Chloroethoxy)methane	280	950		U
111-44-4	bis(2-Chloroethyl)ether	280	950		U
108-60-1	bis(2-Chloroisopropyl)ether	280	950		U
117-81-7	Bis(2-ethylhexyl)phthalate	280	950		U
101-55-3	4-Bromophenyl-phenylether	280	950		U
85-68-7	Butylbenzylphthalate	280	950		U
106-47-8	4-Chloroaniline	280	950		U
510-15-6	Chlorobenzilate	280	950		U
59-50-7	4-Chloro-3-methylphenol	280	950		U
91-58-7	2-Chloronaphthalene	280	950		U
95-57-8	2-Chlorophenol	280	950		U
7005-72-3	4-Chlorophenyl-phenylether	280	950		U
218-01-9	Chrysene	110	950		U
2303-16-4	Diallate	280	950		U
53-70-3	Dibenz(a,h)anthracene	110	950		U
132-64-9	Dibenzofuran	280	950		U
91-94-1	3,3'-Dichlorobenzidine	430	950		U
106-46-7	1,4-Dichlorobenzene	280	950		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110802

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:05

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	280	950		U
541-73-1	1,3-Dichlorobenzene	280	950		U
120-83-2	2,4-Dichlorophenol	280	950		U
87-65-0	2,6-Dichlorophenol	280	950		U
84-66-2	Diethylphthalate	280	950		U
60-51-5	Dimethoate	280	950		U
60-11-7	p-(Dimethylamino)azobenzene	280	950		U
57-97-6	7,12-Dimethylbenz[a]anthrace	280	950		U
119-93-7	3,3'-Dimethylbenzidine	280	950		U
122-09-8	a,a-Dimethyl-phenethylamine	280	950		U
105-67-9	2,4-Dimethylphenol	280	3800		U
131-11-3	Dimethylphthalate	280	950		U
84-74-2	Di-n-butylphthalate	280	950		U
99-65-0	m-Dinitrobenzene	280	950		U
534-52-1	4,6-Dinitro-2-methylphenol	280	3800		U
51-28-5	2,4-Dinitrophenol	280	9500		U
121-14-2	2,4-Dinitrotoluene	280	950		U
606-20-2	2,6-Dinitrotoluene	280	950		U
88-85-7	Dinoseb	280	950		U
117-84-0	Di-n-octylphthalate	280	950		U
122-39-4	Diphenylamine	280	950		U
298-04-4	Disulfoton	280	950		U
62-50-0	Ethyl methanesulfonate	280	950		U
52-85-7	Famphur	280	950		U
206-44-0	Fluoranthene	110	950		U
86-73-7	Fluorene	110	950		U
118-74-1	Hexachlorobenzene	280	950		U
87-68-3	Hexachlorobutadiene	280	950		U
77-47-4	Hexachlorocyclopentadiene	280	950		U
67-72-1	Hexachloroethane	280	950		U
70-30-4	Hexachlorophene	280	1900		U
1888-71-7	Hexachloropropene	280	950		U
193-39-5	Indeno(1,2,3-cd)pyrene	110	950		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110802

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:05

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	280	950		U
78-59-1	Isophorone	280	950		U
120-58-1	Isosafrole	280	950		U
143-50-0	Kepone	280	950		U
91-80-5	Methapyrilene	280	950		U
56-49-5	3-Methylcholanthrene	280	950		U
66-27-3	Methyl methanesulfonate	280	950		U
91-57-6	2-Methylnaphthalene	110	950		U
298-00-0	Methyl parathion	280	950		U
106-44-5	4-Methylphenol	280	950		U
91-20-3	Naphthalene	110	950		U
95-48-7	2-Methylphenol	280	950		U
108-39-4	3-Methylphenol	280	950		U
130-15-4	1,4-Naphthoquinone	280	950		U
134-32-7	1-Naphthylamine	280	950		U
91-59-8	2-Naphthylamine	280	950		U
88-74-4	2-Nitroaniline	280	3800		U
99-09-2	3-Nitroaniline	280	3800		U
100-01-6	4-Nitroaniline	280	3800		U
98-95-3	Nitrobenzene	280	950		U
88-75-5	2-Nitrophenol	280	950		U
100-02-7	4-Nitrophenol	280	3800		U
56-57-5	4-Nitroquinoline-1-oxide	280	950		U
924-16-3	N-Nitrosodi-n-butylamine	280	950		U
55-18-5	N-Nitrosodiethylamine	280	950		U
62-75-9	N-Nitroso-di-methylamine	280	950		U
86-30-6	N-Nitrosodiphenylamine (1)	280	950		U
621-64-7	N-Nitroso-di-n-propylamine	280	950		U
10595-95-6	N-Nitrosomethylethylamine	280	950		U
59-89-2	N-Nitrosomorpholine	280	950		U
100-75-4	N-Nitrosopiperidine	280	950		U
930-55-2	N-Nitrosopyrrolidine	280	950		U
99-55-8	5-Nitro-o-toluidine	280	950		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110802

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:05

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	280	950		U
608-93-5	Pentachlorobenzene	280	950		U
76-01-7	Pentachloroethane	280	950		U
82-68-8	Pentachloronitrobenzene	280	950		U
87-86-5	Pentachlorophenol	280	3800		U
62-44-2	Phenacetin	280	950		U
85-01-8	Phenanthrene	110	950		U
108-95-2	Phenol	280	950		U
106-50-3	p-Phenylenediamine	280	950		U
298-02-2	Phorate	280	950		U
109-06-8	2-Picoline	280	950		U
23950-58-5	Pronamide	280	950		U
129-00-0	Pyrene	110	950		U
110-86-1	Pyridine	280	3800		U
94-59-7	Safrole	280	950		U
3689-24-5	Sulfotepp	280	950		U
95-94-3	1,2,4,5-Tetrachlorobenzene	280	950		U
58-90-2	2,3,4,6-Tetrachlorophenol	280	950		U
297-97-2	Thionazin	280	950		U
95-53-4	o-Toluidine	280	950		U
120-82-1	1,2,4-Trichlorobenzene	280	950		U
95-95-4	2,4,5-Trichlorophenol	280	950		U
88-06-2	2,4,6-Trichlorophenol	280	950		U
126-68-1	O,O,O-Triethylphosphorothioa	280	950		U
99-35-4	sym-Trinitrobenzene	280	950		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110803

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	130	1100		U
208-96-8	Acenaphthylene	130	1100		U
98-86-2	Acetophenone	330	1100		U
53-96-3	2-Acetylaminofluorene	330	1100		U
92-67-1	4-Aminobiphenyl	330	1100		U
62-53-3	Aniline	330	1100		U
140-57-8	Aramite	330	1100		U
120-12-7	Anthracene	130	1100		U
65-85-0	Benzoic acid	330	4500		U
56-55-3	Benzo(a)anthracene	130	1100		U
205-99-2	Benzo(b)fluoranthene	130	1100		U
207-08-9	Benzo(k)fluoranthene	130	1100		U
191-24-2	Benzo(g,h,i)perylene	130	1100		U
50-32-8	Benzo(a)pyrene	130	1100		U
100-51-6	Benzyl alcohol	330	1100		U
111-91-1	bis(2-Chloroethoxy)methane	330	1100		U
111-44-4	bis(2-Chloroethyl)ether	330	1100		U
108-60-1	bis(2-Chloroisopropyl)ether	330	1100		U
117-81-7	Bis(2-ethylhexyl)phthalate	330	1100		U
101-55-3	4-Bromophenyl-phenylether	330	1100		U
85-68-7	Butylbenzylphthalate	330	1100		U
106-47-8	4-Chloroaniline	330	1100		U
510-15-6	Chlorobenzilate	330	1100		U
59-50-7	4-Chloro-3-methylphenol	330	1100		U
91-58-7	2-Chloronaphthalene	330	1100		U
95-57-8	2-Chlorophenol	330	1100		U
7005-72-3	4-Chlorophenyl-phenylether	330	1100		U
218-01-9	Chrysene	130	1100		U
2303-16-4	Diallate	330	1100		U
53-70-3	Dibenz(a,h)anthracene	130	1100		U
132-64-9	Dibenzofuran	330	1100		U
91-94-1	3,3'-Dichlorobenzidine	500	1100		U
106-46-7	1,4-Dichlorobenzene	330	1100		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110803

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	330	1100		U
541-73-1	1,3-Dichlorobenzene	330	1100		U
120-83-2	2,4-Dichlorophenol	330	1100		U
87-65-0	2,6-Dichlorophenol	330	1100		U
84-66-2	Diethylphthalate	330	1100		U
60-51-5	Dimethoate	330	1100		U
60-11-7	p-(Dimethylamino)azobenzene	330	1100		U
57-97-6	7,12-Dimethylbenz[a]anthrace	330	1100		U
119-93-7	3,3'-Dimethylbenzidine	330	1100		U
122-09-8	a,a-Dimethyl-phenethylamine	330	1100		U
105-67-9	2,4-Dimethylphenol	330	4500		U
131-11-3	Dimethylphthalate	330	1100		U
84-74-2	Di-n-butylphthalate	330	1100		U
99-65-0	m-Dinitrobenzene	330	1100		U
534-52-1	4,6-Dinitro-2-methylphenol	330	4500		U
51-28-5	2,4-Dinitrophenol	330	11000		U
121-14-2	2,4-Dinitrotoluene	330	1100		U
606-20-2	2,6-Dinitrotoluene	330	1100		U
88-85-7	Dinoseb	330	1100		U
117-84-0	Di-n-octylphthalate	330	1100		U
122-39-4	Diphenylamine	330	1100		U
298-04-4	Disulfoton	330	1100		U
62-50-0	Ethyl methanesulfonate	330	1100		U
52-85-7	Famphur	330	1100		U
206-44-0	Fluoranthene	130	1100		U
86-73-7	Fluorene	130	1100		U
118-74-1	Hexachlorobenzene	330	1100		U
87-68-3	Hexachlorobutadiene	330	1100		U
77-47-4	Hexachlorocyclopentadiene	330	1100		U
67-72-1	Hexachloroethane	330	1100		U
70-30-4	Hexachlorophene	330	2200		U
1888-71-7	Hexachloropropene	330	1100		U
193-39-5	Indeno(1,2,3-cd)pyrene	130	1100		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110803

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	330	1100		U
78-59-1	Isophorone	330	1100		U
120-58-1	Isosafrole	330	1100		U
143-50-0	Kepone	330	1100		U
91-80-5	Methapyrilene	330	1100		U
56-49-5	3-Methylcholanthrene	330	1100		U
66-27-3	Methyl methanesulfonate	330	1100		U
91-57-6	2-Methylnaphthalene	130	1100		U
298-00-0	Methyl parathion	330	1100		U
106-44-5	4-Methylphenol	330	1100		U
91-20-3	Naphthalene	130	1100		U
95-48-7	2-Methylphenol	330	1100		U
108-39-4	3-Methylphenol	330	1100		U
130-15-4	1,4-Naphthoquinone	330	1100		U
134-32-7	1-Naphthylamine	330	1100		U
91-59-8	2-Naphthylamine	330	1100		U
88-74-4	2-Nitroaniline	330	4500		U
99-09-2	3-Nitroaniline	330	4500		U
100-01-6	4-Nitroaniline	330	4500		U
98-95-3	Nitrobenzene	330	1100		U
88-75-5	2-Nitrophenol	330	1100		U
100-02-7	4-Nitrophenol	330	4500		U
56-57-5	4-Nitroquinoline-1-oxide	330	1100		U
924-16-3	N-Nitrosodi-n-butylamine	330	1100		U
55-18-5	N-Nitrosodiethylamine	330	1100		U
62-75-9	N-Nitroso-di-methylamine	330	1100		U
86-30-6	N-Nitrosodiphenylamine (1)	330	1100		U
621-64-7	N-Nitroso-di-n-propylamine	330	1100		U
10595-95-6	N-Nitrosomethylethylamine	330	1100		U
59-89-2	N-Nitrosomorpholine	330	1100		U
100-75-4	N-Nitrosopiperidine	330	1100		U
930-55-2	N-Nitrosopyrrolidine	330	1100		U
99-55-8	5-Nitro-o-toluidine	330	1100		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110803

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:01

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	330	1100		U
608-93-5	Pentachlorobenzene	330	1100		U
76-01-7	Pentachloroethane	330	1100		U
82-68-8	Pentachloronitrobenzene	330	1100		U
87-86-5	Pentachlorophenol	330	4500		U
62-44-2	Phenacetin	330	1100		U
85-01-8	Phenanthrene	130	1100		U
108-95-2	Phenol	330	1100		U
106-50-3	p-Phenylenediamine	330	1100		U
298-02-2	Phorate	330	1100		U
109-06-8	2-Picoline	330	1100		U
23950-58-5	Pronamide	330	1100		U
129-00-0	Pyrene	130	1100		U
110-86-1	Pyridine	330	4500		U
94-59-7	Safrole	330	1100		U
3689-24-5	Sulfotepp	330	1100		U
95-94-3	1,2,4,5-Tetrachlorobenzene	330	1100		U
58-90-2	2,3,4,6-Tetrachlorophenol	330	1100		U
297-97-2	Thionazin	330	1100		U
95-53-4	o-Toluidine	330	1100		U
120-82-1	1,2,4-Trichlorobenzene	330	1100		U
95-95-4	2,4,5-Trichlorophenol	330	1100		U
88-06-2	2,4,6-Trichlorophenol	330	1100		U
126-68-1	O,O,O-Triethylphosphorothioa	330	1100		U
99-35-4	sym-Trinitrobenzene	330	1100		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110804

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	140	1200		U
208-96-8	Acenaphthylene	140	1200		U
98-86-2	Acetophenone	360	1200		U
53-96-3	2-Acetylaminofluorene	360	1200		U
92-67-1	4-Aminobiphenyl	360	1200		U
62-53-3	Aniline	360	1200		U
140-57-8	Aramite	360	1200		U
120-12-7	Anthracene	140	1200		U
65-85-0	Benzoic acid	360	4800		U
56-55-3	Benzo(a)anthracene	140	1200		U
205-99-2	Benzo(b)fluoranthene	140	1200		U
207-08-9	Benzo(k)fluoranthene	140	1200		U
191-24-2	Benzo(g,h,i)perylene	140	1200		U
50-32-8	Benzo(a)pyrene	140	1200		U
100-51-6	Benzyl alcohol	360	1200		U
111-91-1	bis(2-Chloroethoxy)methane	360	1200		U
111-44-4	bis(2-Chloroethyl)ether	360	1200		U
108-60-1	bis(2-Chloroisopropyl)ether	360	1200		U
117-81-7	Bis(2-ethylhexyl)phthalate	360	1200		U
101-55-3	4-Bromophenyl-phenylether	360	1200		U
85-68-7	Butylbenzylphthalate	360	1200		U
106-47-8	4-Chloroaniline	360	1200		U
510-15-6	Chlorobenzilate	360	1200		U
59-50-7	4-Chloro-3-methylphenol	360	1200		U
91-58-7	2-Chloronaphthalene	360	1200		U
95-57-8	2-Chlorophenol	360	1200		U
7005-72-3	4-Chlorophenyl-phenylether	360	1200		U
218-01-9	Chrysene	140	1200		U
2303-16-4	Diallate	360	1200		U
53-70-3	Dibenz(a,h)anthracene	140	1200		U
132-64-9	Dibenzofuran	360	1200		U
91-94-1	3,3'-Dichlorobenzidine	540	1200		U
106-46-7	1,4-Dichlorobenzene	360	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110804

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	360	1200		U
541-73-1	1,3-Dichlorobenzene	360	1200		U
120-83-2	2,4-Dichlorophenol	360	1200		U
87-65-0	2,6-Dichlorophenol	360	1200		U
84-66-2	Diethylphthalate	360	1200		U
60-51-5	Dimethoate	360	1200		U
60-11-7	p-(Dimethylamino)azobenzene	360	1200		U
57-97-6	7,12-Dimethylbenz[a]anthrace	360	1200		U
119-93-7	3,3'-Dimethylbenzidine	360	1200		U
122-09-8	a,a-Dimethyl-phenethylamine	360	1200		U
105-67-9	2,4-Dimethylphenol	360	4800		U
131-11-3	Dimethylphthalate	360	1200		U
84-74-2	Di-n-butylphthalate	360	1200		U
99-65-0	m-Dinitrobenzene	360	1200		U
534-52-1	4,6-Dinitro-2-methylphenol	360	4800		U
51-28-5	2,4-Dinitrophenol	360	12000		U
121-14-2	2,4-Dinitrotoluene	360	1200		U
606-20-2	2,6-Dinitrotoluene	360	1200		U
88-85-7	Dinoseb	360	1200		U
117-84-0	Di-n-octylphthalate	360	1200		U
122-39-4	Diphenylamine	360	1200		U
298-04-4	Disulfoton	360	1200		U
62-50-0	Ethyl methanesulfonate	360	1200		U
52-85-7	Famphur	360	1200		U
206-44-0	Fluoranthene	140	1200		U
86-73-7	Fluorene	140	1200		U
118-74-1	Hexachlorobenzene	360	1200		U
87-68-3	Hexachlorobutadiene	360	1200		U
77-47-4	Hexachlorocyclopentadiene	360	1200		U
67-72-1	Hexachloroethane	360	1200		U
70-30-4	Hexachlorophene	360	2400		U
1888-71-7	Hexachloropropene	360	1200		U
193-39-5	Indeno(1,2,3-cd)pyrene	140	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110804

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	360	1200		U
78-59-1	Isophorone	360	1200		U
120-58-1	Isosafrole	360	1200		U
143-50-0	Kepone	360	1200		U
91-80-5	Methapyrilene	360	1200		U
56-49-5	3-Methylcholanthrene	360	1200		U
66-27-3	Methyl methanesulfonate	360	1200		U
91-57-6	2-Methylnaphthalene	140	1200		U
298-00-0	Methyl parathion	360	1200		U
106-44-5	4-Methylphenol	360	1200		U
91-20-3	Naphthalene	140	1200		U
95-48-7	2-Methylphenol	360	1200		U
108-39-4	3-Methylphenol	360	1200		U
130-15-4	1,4-Naphthoquinone	360	1200		U
134-32-7	1-Naphthylamine	360	1200		U
91-59-8	2-Naphthylamine	360	1200		U
88-74-4	2-Nitroaniline	360	4800		U
99-09-2	3-Nitroaniline	360	4800		U
100-01-6	4-Nitroaniline	360	4800		U
98-95-3	Nitrobenzene	360	1200		U
88-75-5	2-Nitrophenol	360	1200		U
100-02-7	4-Nitrophenol	360	4800		U
56-57-5	4-Nitroquinoline-1-oxide	360	1200		U
924-16-3	N-Nitrosodi-n-butylamine	360	1200		U
55-18-5	N-Nitrosodiethylamine	360	1200		U
62-75-9	N-Nitroso-di-methylamine	360	1200		U
86-30-6	N-Nitrosodiphenylamine (1)	360	1200		U
621-64-7	N-Nitroso-di-n-propylamine	360	1200		U
10595-95-6	N-Nitrosomethylethylamine	360	1200		U
59-89-2	N-Nitrosomorpholine	360	1200		U
100-75-4	N-Nitrosopiperidine	360	1200		U
930-55-2	N-Nitrosopyrrolidine	360	1200		U
99-55-8	5-Nitro-o-toluidine	360	1200		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110804

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 17:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	360	1200		U
608-93-5	Pentachlorobenzene	360	1200		U
76-01-7	Pentachloroethane	360	1200		U
82-68-8	Pentachloronitrobenzene	360	1200		U
87-86-5	Pentachlorophenol	360	4800		U
62-44-2	Phenacetin	360	1200		U
85-01-8	Phenanthrene	140	1200		U
108-95-2	Phenol	360	1200		U
106-50-3	p-Phenylenediamine	360	1200		U
298-02-2	Phorate	360	1200		U
109-06-8	2-Picoline	360	1200		U
23950-58-5	Pronamide	360	1200		U
129-00-0	Pyrene	140	1200		U
110-86-1	Pyridine	360	4800		U
94-59-7	Safrole	360	1200		U
3689-24-5	Sulfotepp	360	1200		U
95-94-3	1,2,4,5-Tetrachlorobenzene	360	1200		U
58-90-2	2,3,4,6-Tetrachlorophenol	360	1200		U
297-97-2	Thionazin	360	1200		U
95-53-4	o-Toluidine	360	1200		U
120-82-1	1,2,4-Trichlorobenzene	360	1200		U
95-95-4	2,4,5-Trichlorophenol	360	1200		U
88-06-2	2,4,6-Trichlorophenol	360	1200		U
126-68-1	O,O,O-Triethylphosphorothioa	360	1200		U
99-35-4	sym-Trinitrobenzene	360	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110805

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	120	960		U
208-96-8	Acenaphthylene	120	960		U
98-86-2	Acetophenone	290	960		U
53-96-3	2-Acetylaminofluorene	290	960		U
92-67-1	4-Aminobiphenyl	290	960		U
62-53-3	Aniline	290	960		U
140-57-8	Aramite	290	960		U
120-12-7	Anthracene	120	960		U
65-85-0	Benzoic acid	290	3800		U
56-55-3	Benzo(a)anthracene	120	960		U
205-99-2	Benzo(b)fluoranthene	120	960		U
207-08-9	Benzo(k)fluoranthene	120	960		U
191-24-2	Benzo(g,h,i)perylene	120	960		U
50-32-8	Benzo(a)pyrene	120	960		U
100-51-6	Benzyl alcohol	290	960		U
111-91-1	bis(2-Chloroethoxy)methane	290	960		U
111-44-4	bis(2-Chloroethyl)ether	290	960		U
108-60-1	bis(2-Chloroisopropyl)ether	290	960		U
117-81-7	Bis(2-ethylhexyl)phthalate	290	960		U
101-55-3	4-Bromophenyl-phenylether	290	960		U
85-68-7	Butylbenzylphthalate	290	960		U
106-47-8	4-Chloroaniline	290	960		U
510-15-6	Chlorobenzilate	290	960		U
59-50-7	4-Chloro-3-methylphenol	290	960		U
91-58-7	2-Chloronaphthalene	290	960		U
95-57-8	2-Chlorophenol	290	960		U
7005-72-3	4-Chlorophenyl-phenylether	290	960		U
218-01-9	Chrysene	120	960		U
2303-16-4	Diallate	290	960		U
53-70-3	Dibenz(a,h)anthracene	120	960		U
132-64-9	Dibenzofuran	290	960		U
91-94-1	3,3'-Dichlorobenzidine	430	960		U
106-46-7	1,4-Dichlorobenzene	290	960		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110805

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	290	960		U
541-73-1	1,3-Dichlorobenzene	290	960		U
120-83-2	2,4-Dichlorophenol	290	960		U
87-65-0	2,6-Dichlorophenol	290	960		U
84-66-2	Diethylphthalate	290	960		U
60-51-5	Dimethoate	290	960		U
60-11-7	p-(Dimethylamino)azobenzene	290	960		U
57-97-6	7,12-Dimethylbenz[a]anthrace	290	960		U
119-93-7	3,3'-Dimethylbenzidine	290	960		U
122-09-8	a,a-Dimethyl-phenethylamine	290	960		U
105-67-9	2,4-Dimethylphenol	290	3800		U
131-11-3	Dimethylphthalate	290	960		U
84-74-2	Di-n-butylphthalate	290	960		U
99-65-0	m-Dinitrobenzene	290	960		U
534-52-1	4,6-Dinitro-2-methylphenol	290	3800		U
51-28-5	2,4-Dinitrophenol	290	9600		U
121-14-2	2,4-Dinitrotoluene	290	960		U
606-20-2	2,6-Dinitrotoluene	290	960		U
88-85-7	Dinoseb	290	960		U
117-84-0	Di-n-octylphthalate	290	960		U
122-39-4	Diphenylamine	290	960		U
298-04-4	Disulfoton	290	960		U
62-50-0	Ethyl methanesulfonate	290	960		U
52-85-7	Famphur	290	960		U
206-44-0	Fluoranthene	120	960		U
86-73-7	Fluorene	120	960		U
118-74-1	Hexachlorobenzene	290	960		U
87-68-3	Hexachlorobutadiene	290	960		U
77-47-4	Hexachlorocyclopentadiene	290	960		U
67-72-1	Hexachloroethane	290	960		U
70-30-4	Hexachlorophene	290	1900		U
1888-71-7	Hexachloropropene	290	960		U
193-39-5	Indeno(1,2,3-cd)pyrene	120	960		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110805

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	290	960		U
78-59-1	Isophorone	290	960		U
120-58-1	Isosafrole	290	960		U
143-50-0	Kepone	290	960		U
91-80-5	Methapyrilene	290	960		U
56-49-5	3-Methylcholanthrene	290	960		U
66-27-3	Methyl methanesulfonate	290	960		U
91-57-6	2-Methylnaphthalene	120	960		U
298-00-0	Methyl parathion	290	960		U
106-44-5	4-Methylphenol	290	960		U
91-20-3	Naphthalene	120	960		U
95-48-7	2-Methylphenol	290	960		U
108-39-4	3-Methylphenol	290	960		U
130-15-4	1,4-Naphthoquinone	290	960		U
134-32-7	1-Naphthylamine	290	960		U
91-59-8	2-Naphthylamine	290	960		U
88-74-4	2-Nitroaniline	290	3800		U
99-09-2	3-Nitroaniline	290	3800		U
100-01-6	4-Nitroaniline	290	3800		U
98-95-3	Nitrobenzene	290	960		U
88-75-5	2-Nitrophenol	290	960		U
100-02-7	4-Nitrophenol	290	3800		U
56-57-5	4-Nitroquinoline-1-oxide	290	960		U
924-16-3	N-Nitrosodi-n-butylamine	290	960		U
55-18-5	N-Nitrosodiethylamine	290	960		U
62-75-9	N-Nitroso-di-methylamine	290	960		U
86-30-6	N-Nitrosodiphenylamine (1)	290	960		U
621-64-7	N-Nitroso-di-n-propylamine	290	960		U
10595-95-6	N-Nitrosomethylethylamine	290	960		U
59-89-2	N-Nitrosomorpholine	290	960		U
100-75-4	N-Nitrosopiperidine	290	960		U
930-55-2	N-Nitrosopyrrolidine	290	960		U
99-55-8	5-Nitro-o-toluidine	290	960		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 1110805

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 12:40

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	290	960		U
608-93-5	Pentachlorobenzene	290	960		U
76-01-7	Pentachloroethane	290	960		U
82-68-8	Pentachloronitrobenzene	290	960		U
87-86-5	Pentachlorophenol	290	3800		U
62-44-2	Phenacetin	290	960		U
85-01-8	Phenanthrene	120	960		U
108-95-2	Phenol	290	960		U
106-50-3	p-Phenylenediamine	290	960		U
298-02-2	Phorate	290	960		U
109-06-8	2-Picoline	290	960		U
23950-58-5	Pronamide	290	960		U
129-00-0	Pyrene	120	960		U
110-86-1	Pyridine	290	3800		U
94-59-7	Safrole	290	960		U
3689-24-5	Sulfotepp	290	960		U
95-94-3	1,2,4,5-Tetrachlorobenzene	290	960		U
58-90-2	2,3,4,6-Tetrachlorophenol	290	960		U
297-97-2	Thionazin	290	960		U
95-53-4	o-Toluidine	290	960		U
120-82-1	1,2,4-Trichlorobenzene	290	960		U
95-95-4	2,4,5-Trichlorophenol	290	960		U
88-06-2	2,4,6-Trichlorophenol	290	960		U
126-68-1	O,O,O-Triethylphosphorothioa	290	960		U
99-35-4	sym-Trinitrobenzene	290	960		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110806

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	130	1000		U
208-96-8	Acenaphthylene	130	1000		U
98-86-2	Acetophenone	320	1000		U
53-96-3	2-Acetylaminofluorene	320	1000		U
92-67-1	4-Aminobiphenyl	320	1000		U
62-53-3	Aniline	320	1000		U
140-57-8	Aramite	320	1000		U
120-12-7	Anthracene	130	1000		U
65-85-0	Benzoic acid	320	4200		U
56-55-3	Benzo(a)anthracene	130	1000		U
205-99-2	Benzo(b)fluoranthene	130	1000		U
207-08-9	Benzo(k)fluoranthene	130	1000		U
191-24-2	Benzo(g,h,i)perylene	130	1000		U
50-32-8	Benzo(a)pyrene	130	1000		U
100-51-6	Benzyl alcohol	320	1000		U
111-91-1	bis(2-Chloroethoxy)methane	320	1000		U
111-44-4	bis(2-Chloroethyl)ether	320	1000		U
108-60-1	bis(2-Chloroisopropyl)ether	320	1000		U
117-81-7	Bis(2-ethylhexyl)phthalate	320	1000		U
101-55-3	4-Bromophenyl-phenylether	320	1000		U
85-68-7	Butylbenzylphthalate	320	1000		U
106-47-8	4-Chloroaniline	320	1000		U
510-15-6	Chlorobenzilate	320	1000		U
59-50-7	4-Chloro-3-methylphenol	320	1000		U
91-58-7	2-Chloronaphthalene	320	1000		U
95-57-8	2-Chlorophenol	320	1000		U
7005-72-3	4-Chlorophenyl-phenylether	320	1000		U
218-01-9	Chrysene	130	1000		U
2303-16-4	Diallate	320	1000		U
53-70-3	Dibenz(a,h)anthracene	130	1000		U
132-64-9	Dibenzofuran	320	1000		U
91-94-1	3,3'-Dichlorobenzidine	470	1000		U
106-46-7	1,4-Dichlorobenzene	320	1000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110806

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	320	1000		U
541-73-1	1,3-Dichlorobenzene	320	1000		U
120-83-2	2,4-Dichlorophenol	320	1000		U
87-65-0	2,6-Dichlorophenol	320	1000		U
84-66-2	Diethylphthalate	320	1000		U
60-51-5	Dimethoate	320	1000		U
60-11-7	p-(Dimethylamino)azobenzene	320	1000		U
57-97-6	7,12-Dimethylbenz[a]anthrace	320	1000		U
119-93-7	3,3'-Dimethylbenzidine	320	1000		U
122-09-8	a,a-Dimethyl-phenethylamine	320	1000		U
105-67-9	2,4-Dimethylphenol	320	4200		U
131-11-3	Dimethylphthalate	320	1000		U
84-74-2	Di-n-butylphthalate	320	1000		U
99-65-0	m-Dinitrobenzene	320	1000		U
534-52-1	4,6-Dinitro-2-methylphenol	320	4200		U
51-28-5	2,4-Dinitrophenol	320	10000		U
121-14-2	2,4-Dinitrotoluene	320	1000		U
606-20-2	2,6-Dinitrotoluene	320	1000		U
88-85-7	Dinoseb	320	1000		U
117-84-0	Di-n-octylphthalate	320	1000		U
122-39-4	Diphenylamine	320	1000		U
298-04-4	Disulfoton	320	1000		U
62-50-0	Ethyl methanesulfonate	320	1000		U
52-85-7	Famphur	320	1000		U
206-44-0	Fluoranthene	130	1000		U
86-73-7	Fluorene	130	1000		U
118-74-1	Hexachlorobenzene	320	1000		U
87-68-3	Hexachlorobutadiene	320	1000		U
77-47-4	Hexachlorocyclopentadiene	320	1000		U
67-72-1	Hexachloroethane	320	1000		U
70-30-4	Hexachlorophene	320	2100		U
1888-71-7	Hexachloropropene	320	1000		U
193-39-5	Indeno(1,2,3-cd)pyrene	130	1000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110806

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	320	1000		U
78-59-1	Isophorone	320	1000		U
120-58-1	Isosafrole	320	1000		U
143-50-0	Kepone	320	1000		U
91-80-5	Methapyrilene	320	1000		U
56-49-5	3-Methylcholanthrene	320	1000		U
66-27-3	Methyl methanesulfonate	320	1000		U
91-57-6	2-Methylnaphthalene	130	1000		U
298-00-0	Methyl parathion	320	1000		U
106-44-5	4-Methylphenol	320	1000		U
91-20-3	Naphthalene	130	1000		U
95-48-7	2-Methylphenol	320	1000		U
108-39-4	3-Methylphenol	320	1000		U
130-15-4	1,4-Naphthoquinone	320	1000		U
134-32-7	1-Naphthylamine	320	1000		U
91-59-8	2-Naphthylamine	320	1000		U
88-74-4	2-Nitroaniline	320	4200		U
99-09-2	3-Nitroaniline	320	4200		U
100-01-6	4-Nitroaniline	320	4200		U
98-95-3	Nitrobenzene	320	1000		U
88-75-5	2-Nitrophenol	320	1000		U
100-02-7	4-Nitrophenol	320	4200		U
56-57-5	4-Nitroquinoline-1-oxide	320	1000		U
924-16-3	N-Nitrosodi-n-butylamine	320	1000		U
55-18-5	N-Nitrosodiethylamine	320	1000		U
62-75-9	N-Nitroso-di-methylamine	320	1000		U
86-30-6	N-Nitrosodiphenylamine (1)	320	1000		U
621-64-7	N-Nitroso-di-n-propylamine	320	1000		U
10595-95-6	N-Nitrosomethylethylamine	320	1000		U
59-89-2	N-Nitrosomorpholine	320	1000		U
100-75-4	N-Nitrosopiperidine	320	1000		U
930-55-2	N-Nitrosopyrrolidine	320	1000		U
99-55-8	5-Nitro-o-toluidine	320	1000		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110806

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:15

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	320	1000		U
608-93-5	Pentachlorobenzene	320	1000		U
76-01-7	Pentachloroethane	320	1000		U
82-68-8	Pentachloronitrobenzene	320	1000		U
87-86-5	Pentachlorophenol	320	4200		U
62-44-2	Phenacetin	320	1000		U
85-01-8	Phenanthrene	130	1000		U
108-95-2	Phenol	320	1000		U
106-50-3	p-Phenylenediamine	320	1000		U
298-02-2	Phorate	320	1000		U
109-06-8	2-Picoline	320	1000		U
23950-58-5	Pronamide	320	1000		U
129-00-0	Pyrene	130	1000		U
110-86-1	Pyridine	320	4200		U
94-59-7	Safrole	320	1000		U
3689-24-5	Sulfotepp	320	1000		U
95-94-3	1,2,4,5-Tetrachlorobenzene	320	1000		U
58-90-2	2,3,4,6-Tetrachlorophenol	320	1000		U
297-97-2	Thionazin	320	1000		U
95-53-4	o-Toluidine	320	1000		U
120-82-1	1,2,4-Trichlorobenzene	320	1000		U
95-95-4	2,4,5-Trichlorophenol	320	1000		U
88-06-2	2,4,6-Trichlorophenol	320	1000		U
126-68-1	O,O,O-Triethylphosphorothioa	320	1000		U
99-35-4	sym-Trinitrobenzene	320	1000		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110807

% Moisture: 75 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:50

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	160	1300		U
208-96-8	Acenaphthylene	160	1300		U
98-86-2	Acetophenone	390	1300		U
53-96-3	2-Acetylaminofluorene	390	1300		U
92-67-1	4-Aminobiphenyl	390	1300		U
62-53-3	Aniline	390	1300		U
140-57-8	Aramite	390	1300		U
120-12-7	Anthracene	160	1300		U
65-85-0	Benzoic acid	390	5200		U
56-55-3	Benzo(a)anthracene	160	1300		U
205-99-2	Benzo(b)fluoranthene	160	1300		U
207-08-9	Benzo(k)fluoranthene	160	1300		U
191-24-2	Benzo(g,h,i)perylene	160	1300		U
50-32-8	Benzo(a)pyrene	160	1300		U
100-51-6	Benzyl alcohol	390	1300		U
111-91-1	bis(2-Chloroethoxy)methane	390	1300		U
111-44-4	bis(2-Chloroethyl)ether	390	1300		U
108-60-1	bis(2-Chloroisopropyl)ether	390	1300		U
117-81-7	Bis(2-ethylhexyl)phthalate	390	1300		U
101-55-3	4-Bromophenyl-phenylether	390	1300		U
85-68-7	Butylbenzylphthalate	390	1300		U
106-47-8	4-Chloroaniline	390	1300		U
510-15-6	Chlorobenzilate	390	1300		U
59-50-7	4-Chloro-3-methylphenol	390	1300		U
91-58-7	2-Chloronaphthalene	390	1300		U
95-57-8	2-Chlorophenol	390	1300		U
7005-72-3	4-Chlorophenyl-phenylether	390	1300		U
218-01-9	Chrysene	160	1300		U
2303-16-4	Diallate	390	1300		U
53-70-3	Dibenz(a,h)anthracene	160	1300		U
132-64-9	Dibenzofuran	390	1300		U
91-94-1	3,3'-Dichlorobenzidine	580	1300		U
106-46-7	1,4-Dichlorobenzene	390	1300		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110807

% Moisture: 75 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:50

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	390	1300		U
541-73-1	1,3-Dichlorobenzene	390	1300		U
120-83-2	2,4-Dichlorophenol	390	1300		U
87-65-0	2,6-Dichlorophenol	390	1300		U
84-66-2	Diethylphthalate	390	1300		U
60-51-5	Dimethoate	390	1300		U
60-11-7	p-(Dimethylamino)azobenzene	390	1300		U
57-97-6	7,12-Dimethylbenz[a]anthrace	390	1300		U
119-93-7	3,3'-Dimethylbenzidine	390	1300		U
122-09-8	a,a-Dimethyl-phenethylamine	390	1300		U
105-67-9	2,4-Dimethylphenol	390	5200		U
131-11-3	Dimethylphthalate	390	1300		U
84-74-2	Di-n-butylphthalate	390	1300		U
99-65-0	m-Dinitrobenzene	390	1300		U
534-52-1	4,6-Dinitro-2-methylphenol	390	5200		U
51-28-5	2,4-Dinitrophenol	390	13000		U
121-14-2	2,4-Dinitrotoluene	390	1300		U
606-20-2	2,6-Dinitrotoluene	390	1300		U
88-85-7	Dinoseb	390	1300		U
117-84-0	Di-n-octylphthalate	390	1300		U
122-39-4	Diphenylamine	390	1300		U
298-04-4	Disulfoton	390	1300		U
62-50-0	Ethyl methanesulfonate	390	1300		U
52-85-7	Famphur	390	1300		U
206-44-0	Fluoranthene	160	1300		U
86-73-7	Fluorene	160	1300		U
118-74-1	Hexachlorobenzene	390	1300		U
87-68-3	Hexachlorobutadiene	390	1300		U
77-47-4	Hexachlorocyclopentadiene	390	1300		U
67-72-1	Hexachloroethane	390	1300		U
70-30-4	Hexachlorophene	390	2600		U
1888-71-7	Hexachloropropene	390	1300		U
193-39-5	Indeno(1,2,3-cd)pyrene	160	1300		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110807

% Moisture: 75 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:50

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	390	1300		U
78-59-1	Isophorone	390	1300		U
120-58-1	Isosafrole	390	1300		U
143-50-0	Kepone	390	1300		U
91-80-5	Methapyrilene	390	1300		U
56-49-5	3-Methylcholanthrene	390	1300		U
66-27-3	Methyl methanesulfonate	390	1300		U
91-57-6	2-Methylnaphthalene	160	1300		U
298-00-0	Methyl parathion	390	1300		U
106-44-5	4-Methylphenol	390	1300		U
91-20-3	Naphthalene	160	1300		U
95-48-7	2-Methylphenol	390	1300		U
108-39-4	3-Methylphenol	390	1300		U
130-15-4	1,4-Naphthoquinone	390	1300		U
134-32-7	1-Naphthylamine	390	1300		U
91-59-8	2-Naphthylamine	390	1300		U
88-74-4	2-Nitroaniline	390	5200		U
99-09-2	3-Nitroaniline	390	5200		U
100-01-6	4-Nitroaniline	390	5200		U
98-95-3	Nitrobenzene	390	1300		U
88-75-5	2-Nitrophenol	390	1300		U
100-02-7	4-Nitrophenol	390	5200		U
56-57-5	4-Nitroquinoline-1-oxide	390	1300		U
924-16-3	N-Nitrosodi-n-butylamine	390	1300		U
55-18-5	N-Nitrosodiethylamine	390	1300		U
62-75-9	N-Nitroso-di-methylamine	390	1300		U
86-30-6	N-Nitrosodiphenylamine (1)	390	1300		U
621-64-7	N-Nitroso-di-n-propylamine	390	1300		U
10595-95-6	N-Nitrosomethylethylamine	390	1300		U
59-89-2	N-Nitrosomorpholine	390	1300		U
100-75-4	N-Nitrosopiperidine	390	1300		U
930-55-2	N-Nitrosopyrrolidine	390	1300		U
99-55-8	5-Nitro-o-toluidine	390	1300		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 1110807

% Moisture: 75 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 13:50

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	390	1300		U
608-93-5	Pentachlorobenzene	390	1300		U
76-01-7	Pentachloroethane	390	1300		U
82-68-8	Pentachloronitrobenzene	390	1300		U
87-86-5	Pentachlorophenol	390	5200		U
62-44-2	Phenacetin	390	1300		U
85-01-8	Phenanthrene	160	1300		U
108-95-2	Phenol	390	1300		U
106-50-3	p-Phenylenediamine	390	1300		U
298-02-2	Phorate	390	1300		U
109-06-8	2-Picoline	390	1300		U
23950-58-5	Pronamide	390	1300		U
129-00-0	Pyrene	160	1300	300	I
110-86-1	Pyridine	390	5200		U
94-59-7	Safrole	390	1300		U
3689-24-5	Sulfotepp	390	1300		U
95-94-3	1,2,4,5-Tetrachlorobenzene	390	1300		U
58-90-2	2,3,4,6-Tetrachlorophenol	390	1300		U
297-97-2	Thionazin	390	1300		U
95-53-4	o-Toluidine	390	1300		U
120-82-1	1,2,4-Trichlorobenzene	390	1300		U
95-95-4	2,4,5-Trichlorophenol	390	1300		U
88-06-2	2,4,6-Trichlorophenol	390	1300		U
126-68-1	O,O,O-Triethylphosphorothioa	390	1300		U
99-35-4	sym-Trinitrobenzene	390	1300		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110808

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	200	1700		U
208-96-8	Acenaphthylene	200	1700		U
98-86-2	Acetophenone	500	1700		U
53-96-3	2-Acetylaminofluorene	500	1700		U
92-67-1	4-Aminobiphenyl	500	1700		U
62-53-3	Aniline	500	1700		U
140-57-8	Aramite	500	1700		U
120-12-7	Anthracene	200	1700		U
65-85-0	Benzoic acid	500	6700		U
56-55-3	Benzo(a)anthracene	200	1700		U
205-99-2	Benzo(b)fluoranthene	200	1700		U
207-08-9	Benzo(k)fluoranthene	200	1700		U
191-24-2	Benzo(g,h,i)perylene	200	1700		U
50-32-8	Benzo(a)pyrene	200	1700		U
100-51-6	Benzyl alcohol	500	1700		U
111-91-1	bis(2-Chloroethoxy)methane	500	1700		U
111-44-4	bis(2-Chloroethyl)ether	500	1700		U
108-60-1	bis(2-Chloroisopropyl)ether	500	1700		U
117-81-7	Bis(2-ethylhexyl)phthalate	500	1700		U
101-55-3	4-Bromophenyl-phenylether	500	1700		U
85-68-7	Butylbenzylphthalate	500	1700		U
106-47-8	4-Chloroaniline	500	1700		U
510-15-6	Chlorobenzilate	500	1700		U
59-50-7	4-Chloro-3-methylphenol	500	1700		U
91-58-7	2-Chloronaphthalene	500	1700		U
95-57-8	2-Chlorophenol	500	1700		U
7005-72-3	4-Chlorophenyl-phenylether	500	1700		U
218-01-9	Chrysene	200	1700		U
2303-16-4	Diallate	500	1700		U
53-70-3	Dibenz(a,h)anthracene	200	1700		U
132-64-9	Dibenzofuran	500	1700		U
91-94-1	3,3'-Dichlorobenzidine	760	1700		U
106-46-7	1,4-Dichlorobenzene	500	1700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110808

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	500	1700		U
541-73-1	1,3-Dichlorobenzene	500	1700		U
120-83-2	2,4-Dichlorophenol	500	1700		U
87-65-0	2,6-Dichlorophenol	500	1700		U
84-66-2	Diethylphthalate	500	1700		U
60-51-5	Dimethoate	500	1700		U
60-11-7	p-(Dimethylamino)azobenzene	500	1700		U
57-97-6	7,12-Dimethylbenz[a]anthrace	500	1700		U
119-93-7	3,3'-Dimethylbenzidine	500	1700		U
122-09-8	a,a-Dimethyl-phenethylamine	500	1700		U
105-67-9	2,4-Dimethylphenol	500	6700		U
131-11-3	Dimethylphthalate	500	1700		U
84-74-2	Di-n-butylphthalate	500	1700		U
99-65-0	m-Dinitrobenzene	500	1700		U
534-52-1	4,6-Dinitro-2-methylphenol	500	6700		U
51-28-5	2,4-Dinitrophenol	500	17000		U
121-14-2	2,4-Dinitrotoluene	500	1700		U
606-20-2	2,6-Dinitrotoluene	500	1700		U
88-85-7	Dinoseb	500	1700		U
117-84-0	Di-n-octylphthalate	500	1700		U
122-39-4	Diphenylamine	500	1700		U
298-04-4	Disulfoton	500	1700		U
62-50-0	Ethyl methanesulfonate	500	1700		U
52-85-7	Famphur	500	1700		U
206-44-0	Fluoranthene	200	1700		U
86-73-7	Fluorene	200	1700		U
118-74-1	Hexachlorobenzene	500	1700		U
87-68-3	Hexachlorobutadiene	500	1700		U
77-47-4	Hexachlorocyclopentadiene	500	1700		U
67-72-1	Hexachloroethane	500	1700		U
70-30-4	Hexachlorophene	500	3400		U
1888-71-7	Hexachloropropene	500	1700		U
193-39-5	Indeno(1,2,3-cd)pyrene	200	1700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110808

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	500	1700		U
78-59-1	Isophorone	500	1700		U
120-58-1	Isosafrole	500	1700		U
143-50-0	Kepone	500	1700		U
91-80-5	Methapyrilene	500	1700		U
56-49-5	3-Methylcholanthrene	500	1700		U
66-27-3	Methyl methanesulfonate	500	1700		U
91-57-6	2-Methylnaphthalene	200	1700		U
298-00-0	Methyl parathion	500	1700		U
106-44-5	4-Methylphenol	500	1700		U
91-20-3	Naphthalene	200	1700		U
95-48-7	2-Methylphenol	500	1700		U
108-39-4	3-Methylphenol	500	1700		U
130-15-4	1,4-Naphthoquinone	500	1700		U
134-32-7	1-Naphthylamine	500	1700		U
91-59-8	2-Naphthylamine	500	1700		U
88-74-4	2-Nitroaniline	500	6700		U
99-09-2	3-Nitroaniline	500	6700		U
100-01-6	4-Nitroaniline	500	6700		U
98-95-3	Nitrobenzene	500	1700		U
88-75-5	2-Nitrophenol	500	1700		U
100-02-7	4-Nitrophenol	500	6700		U
56-57-5	4-Nitroquinoline-1-oxide	500	1700		U
924-16-3	N-Nitrosodi-n-butylamine	500	1700		U
55-18-5	N-Nitrosodiethylamine	500	1700		U
62-75-9	N-Nitroso-di-methylamine	500	1700		U
86-30-6	N-Nitrosodiphenylamine (1)	500	1700		U
621-64-7	N-Nitroso-di-n-propylamine	500	1700		U
10595-95-6	N-Nitrosomethylethylamine	500	1700		U
59-89-2	N-Nitrosomorpholine	500	1700		U
100-75-4	N-Nitrosopiperidine	500	1700		U
930-55-2	N-Nitrosopyrrolidine	500	1700		U
99-55-8	5-Nitro-o-toluidine	500	1700		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110808

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:24

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	500	1700		U
608-93-5	Pentachlorobenzene	500	1700		U
76-01-7	Pentachloroethane	500	1700		U
82-68-8	Pentachloronitrobenzene	500	1700		U
87-86-5	Pentachlorophenol	500	6700		U
62-44-2	Phenacetin	500	1700		U
85-01-8	Phenanthrene	200	1700		U
108-95-2	Phenol	500	1700		U
106-50-3	p-Phenylenediamine	500	1700		U
298-02-2	Phorate	500	1700		U
109-06-8	2-Picoline	500	1700		U
23950-58-5	Pronamide	500	1700		U
129-00-0	Pyrene	200	1700		U
110-86-1	Pyridine	500	6700		U
94-59-7	Safrole	500	1700		U
3689-24-5	Sulfotepp	500	1700		U
95-94-3	1,2,4,5-Tetrachlorobenzene	500	1700		U
58-90-2	2,3,4,6-Tetrachlorophenol	500	1700		U
297-97-2	Thionazin	500	1700		U
95-53-4	o-Toluidine	500	1700		U
120-82-1	1,2,4-Trichlorobenzene	500	1700		U
95-95-4	2,4,5-Trichlorophenol	500	1700		U
88-06-2	2,4,6-Trichlorophenol	500	1700		U
126-68-1	O,O,O-Triethylphosphorothioa	500	1700		U
99-35-4	sym-Trinitrobenzene	500	1700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110809

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:59

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	170	1400		U
208-96-8	Acenaphthylene	170	1400		U
98-86-2	Acetophenone	420	1400		U
53-96-3	2-Acetylaminofluorene	420	1400		U
92-67-1	4-Aminobiphenyl	420	1400		U
62-53-3	Aniline	420	1400		U
140-57-8	Aramite	420	1400		U
120-12-7	Anthracene	170	1400		U
65-85-0	Benzoic acid	420	5500		U
56-55-3	Benzo(a)anthracene	170	1400		U
205-99-2	Benzo(b)fluoranthene	170	1400		U
207-08-9	Benzo(k)fluoranthene	170	1400		U
191-24-2	Benzo(g,h,i)perylene	170	1400		U
50-32-8	Benzo(a)pyrene	170	1400		U
100-51-6	Benzyl alcohol	420	1400		U
111-91-1	bis(2-Chloroethoxy)methane	420	1400		U
111-44-4	bis(2-Chloroethyl)ether	420	1400		U
108-60-1	bis(2-Chloroisopropyl)ether	420	1400		U
117-81-7	Bis(2-ethylhexyl)phthalate	420	1400		U
101-55-3	4-Bromophenyl-phenylether	420	1400		U
85-68-7	Butylbenzylphthalate	420	1400		U
106-47-8	4-Chloroaniline	420	1400		U
510-15-6	Chlorobenzilate	420	1400		U
59-50-7	4-Chloro-3-methylphenol	420	1400		U
91-58-7	2-Chloronaphthalene	420	1400		U
95-57-8	2-Chlorophenol	420	1400		U
7005-72-3	4-Chlorophenyl-phenylether	420	1400		U
218-01-9	Chrysene	170	1400		U
2303-16-4	Diallate	420	1400		U
53-70-3	Dibenz(a,h)anthracene	170	1400		U
132-64-9	Dibenzofuran	420	1400		U
91-94-1	3,3'-Dichlorobenzidine	620	1400		U
106-46-7	1,4-Dichlorobenzene	420	1400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110809

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:59

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
95-50-1	1,2-Dichlorobenzene	420	1400		U
541-73-1	1,3-Dichlorobenzene	420	1400		U
120-83-2	2,4-Dichlorophenol	420	1400		U
87-65-0	2,6-Dichlorophenol	420	1400		U
84-66-2	Diethylphthalate	420	1400		U
60-51-5	Dimethoate	420	1400		U
60-11-7	p-(Dimethylamino)azobenzene	420	1400		U
57-97-6	7,12-Dimethylbenz[a]anthrace	420	1400		U
119-93-7	3,3'-Dimethylbenzidine	420	1400		U
122-09-8	a,a-Dimethyl-phenethylamine	420	1400		U
105-67-9	2,4-Dimethylphenol	420	5500		U
131-11-3	Dimethylphthalate	420	1400		U
84-74-2	Di-n-butylphthalate	420	1400		U
99-65-0	m-Dinitrobenzene	420	1400		U
534-52-1	4,6-Dinitro-2-methylphenol	420	5500		U
51-28-5	2,4-Dinitrophenol	420	14000		U
121-14-2	2,4-Dinitrotoluene	420	1400		U
606-20-2	2,6-Dinitrotoluene	420	1400		U
88-85-7	Dinoseb	420	1400		U
117-84-0	Di-n-octylphthalate	420	1400		U
122-39-4	Diphenylamine	420	1400		U
298-04-4	Disulfoton	420	1400		U
62-50-0	Ethyl methanesulfonate	420	1400		U
52-85-7	Famphur	420	1400		U
206-44-0	Fluoranthene	170	1400		U
86-73-7	Fluorene	170	1400		U
118-74-1	Hexachlorobenzene	420	1400		U
87-68-3	Hexachlorobutadiene	420	1400		U
77-47-4	Hexachlorocyclopentadiene	420	1400		U
67-72-1	Hexachloroethane	420	1400		U
70-30-4	Hexachlorophene	420	2800		U
1888-71-7	Hexachloropropene	420	1400		U
193-39-5	Indeno(1,2,3-cd)pyrene	170	1400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110809

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:59

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	420	1400		U
78-59-1	Isophorone	420	1400		U
120-58-1	Isosafrole	420	1400		U
143-50-0	Kepone	420	1400		U
91-80-5	Methapyrilene	420	1400		U
56-49-5	3-Methylcholanthrene	420	1400		U
66-27-3	Methyl methanesulfonate	420	1400		U
91-57-6	2-Methylnaphthalene	170	1400		U
298-00-0	Methyl parathion	420	1400		U
106-44-5	4-Methylphenol	420	1400		U
91-20-3	Naphthalene	170	1400		U
95-48-7	2-Methylphenol	420	1400		U
108-39-4	3-Methylphenol	420	1400		U
130-15-4	1,4-Naphthoquinone	420	1400		U
134-32-7	1-Naphthylamine	420	1400		U
91-59-8	2-Naphthylamine	420	1400		U
88-74-4	2-Nitroaniline	420	5500		U
99-09-2	3-Nitroaniline	420	5500		U
100-01-6	4-Nitroaniline	420	5500		U
98-95-3	Nitrobenzene	420	1400		U
88-75-5	2-Nitrophenol	420	1400		U
100-02-7	4-Nitrophenol	420	5500		U
56-57-5	4-Nitroquinoline-1-oxide	420	1400		U
924-16-3	N-Nitrosodi-n-butylamine	420	1400		U
55-18-5	N-Nitrosodiethylamine	420	1400		U
62-75-9	N-Nitroso-di-methylamine	420	1400		U
86-30-6	N-Nitrosodiphenylamine (1)	420	1400		U
621-64-7	N-Nitroso-di-n-propylamine	420	1400		U
10595-95-6	N-Nitrosomethylethylamine	420	1400		U
59-89-2	N-Nitrosomorpholine	420	1400		U
100-75-4	N-Nitrosopiperidine	420	1400		U
930-55-2	N-Nitrosopyrrolidine	420	1400		U
99-55-8	5-Nitro-o-toluidine	420	1400		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 1110809

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 14:59

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	420	1400		U
608-93-5	Pentachlorobenzene	420	1400		U
76-01-7	Pentachloroethane	420	1400		U
82-68-8	Pentachloronitrobenzene	420	1400		U
87-86-5	Pentachlorophenol	420	5500		U
62-44-2	Phenacetin	420	1400		U
85-01-8	Phenanthrene	170	1400		U
108-95-2	Phenol	420	1400		U
106-50-3	p-Phenylenediamine	420	1400		U
298-02-2	Phorate	420	1400		U
109-06-8	2-Picoline	420	1400		U
23950-58-5	Pronamide	420	1400		U
129-00-0	Pyrene	170	1400		U
110-86-1	Pyridine	420	5500		U
94-59-7	Safrole	420	1400		U
3689-24-5	Sulfotepp	420	1400		U
95-94-3	1,2,4,5-Tetrachlorobenzene	420	1400		U
58-90-2	2,3,4,6-Tetrachlorophenol	420	1400		U
297-97-2	Thionazin	420	1400		U
95-53-4	o-Toluidine	420	1400		U
120-82-1	1,2,4-Trichlorobenzene	420	1400		U
95-95-4	2,4,5-Trichlorophenol	420	1400		U
88-06-2	2,4,6-Trichlorophenol	420	1400		U
126-68-1	O,O,O-Triethylphosphorothioa	420	1400		U
99-35-4	sym-Trinitrobenzene	420	1400		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110810

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 15:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	110	920		U
208-96-8	Acenaphthylene	110	920		U
98-86-2	Acetophenone	280	920		U
53-96-3	2-Acetylaminofluorene	280	920		U
92-67-1	4-Aminobiphenyl	280	920		U
62-53-3	Aniline	280	920		U
140-57-8	Aramite	280	920		U
120-12-7	Anthracene	110	920		U
65-85-0	Benzoic acid	280	3700		U
56-55-3	Benzo(a)anthracene	110	920		U
205-99-2	Benzo(b)fluoranthene	110	920		U
207-08-9	Benzo(k)fluoranthene	110	920		U
191-24-2	Benzo(g,h,i)perylene	110	920		U
50-32-8	Benzo(a)pyrene	110	920		U
100-51-6	Benzyl alcohol	280	920		U
111-91-1	bis(2-Chloroethoxy)methane	280	920		U
111-44-4	bis(2-Chloroethyl)ether	280	920		U
108-60-1	bis(2-Chloroisopropyl)ether	280	920		U
117-81-7	Bis(2-ethylhexyl)phthalate	280	920		U
101-55-3	4-Bromophenyl-phenylether	280	920		U
85-68-7	Butylbenzylphthalate	280	920		U
106-47-8	4-Chloroaniline	280	920		U
510-15-6	Chlorobenzilate	280	920		U
59-50-7	4-Chloro-3-methylphenol	280	920		U
91-58-7	2-Chloronaphthalene	280	920		U
95-57-8	2-Chlorophenol	280	920		U
7005-72-3	4-Chlorophenyl-phenylether	280	920		U
218-01-9	Chrysene	110	920		U
2303-16-4	Diallate	280	920		U
53-70-3	Dibenz(a,h)anthracene	110	920		U
132-64-9	Dibenzofuran	280	920		U
91-94-1	3,3'-Dichlorobenzidine	410	920		U
106-46-7	1,4-Dichlorobenzene	280	920		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110810

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 15:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	280	920		U
541-73-1	1,3-Dichlorobenzene	280	920		U
120-83-2	2,4-Dichlorophenol	280	920		U
87-65-0	2,6-Dichlorophenol	280	920		U
84-66-2	Diethylphthalate	280	920		U
60-51-5	Dimethoate	280	920		U
60-11-7	p-(Dimethylamino)azobenzene	280	920		U
57-97-6	7,12-Dimethylbenz[a]anthrace	280	920		U
119-93-7	3,3'-Dimethylbenzidine	280	920		U
122-09-8	a,a-Dimethyl-phenethylamine	280	920		U
105-67-9	2,4-Dimethylphenol	280	3700		U
131-11-3	Dimethylphthalate	280	920		U
84-74-2	Di-n-butylphthalate	280	920		U
99-65-0	m-Dinitrobenzene	280	920		U
534-52-1	4,6-Dinitro-2-methylphenol	280	3700		U
51-28-5	2,4-Dinitrophenol	280	9200		U
121-14-2	2,4-Dinitrotoluene	280	920		U
606-20-2	2,6-Dinitrotoluene	280	920		U
88-85-7	Dinoseb	280	920		U
117-84-0	Di-n-octylphthalate	280	920		U
122-39-4	Diphenylamine	280	920		U
298-04-4	Disulfoton	280	920		U
62-50-0	Ethyl methanesulfonate	280	920		U
52-85-7	Famphur	280	920		U
206-44-0	Fluoranthene	110	920		U
86-73-7	Fluorene	110	920		U
118-74-1	Hexachlorobenzene	280	920		U
87-68-3	Hexachlorobutadiene	280	920		U
77-47-4	Hexachlorocyclopentadiene	280	920		U
67-72-1	Hexachloroethane	280	920		U
70-30-4	Hexachlorophene	280	1800		U
1888-71-7	Hexachloropropene	280	920		U
193-39-5	Indeno(1,2,3-cd)pyrene	110	920		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110810

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 15:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	280	920		U
78-59-1	Isophorone	280	920		U
120-58-1	Isosafrole	280	920		U
143-50-0	Kepone	280	920		U
91-80-5	Methapyrilene	280	920		U
56-49-5	3-Methylcholanthrene	280	920		U
66-27-3	Methyl methanesulfonate	280	920		U
91-57-6	2-Methylnaphthalene	110	920		U
298-00-0	Methyl parathion	280	920		U
106-44-5	4-Methylphenol	280	920		U
91-20-3	Naphthalene	110	920		U
95-48-7	2-Methylphenol	280	920		U
108-39-4	3-Methylphenol	280	920		U
130-15-4	1,4-Naphthoquinone	280	920		U
134-32-7	1-Naphthylamine	280	920		U
91-59-8	2-Naphthylamine	280	920		U
88-74-4	2-Nitroaniline	280	3700		U
99-09-2	3-Nitroaniline	280	3700		U
100-01-6	4-Nitroaniline	280	3700		U
98-95-3	Nitrobenzene	280	920		U
88-75-5	2-Nitrophenol	280	920		U
100-02-7	4-Nitrophenol	280	3700		U
56-57-5	4-Nitroquinoline-1-oxide	280	920		U
924-16-3	N-Nitrosodi-n-butylamine	280	920		U
55-18-5	N-Nitrosodiethylamine	280	920		U
62-75-9	N-Nitroso-di-methylamine	280	920		U
86-30-6	N-Nitrosodiphenylamine (1)	280	920		U
621-64-7	N-Nitroso-di-n-propylamine	280	920		U
10595-95-6	N-Nitrosomethylethylamine	280	920		U
59-89-2	N-Nitrosomorpholine	280	920		U
100-75-4	N-Nitrosopiperidine	280	920		U
930-55-2	N-Nitrosopyrrolidine	280	920		U
99-55-8	5-Nitro-o-toluidine	280	920		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 1110810

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 15:34

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	280	920		U
608-93-5	Pentachlorobenzene	280	920		U
76-01-7	Pentachloroethane	280	920		U
82-68-8	Pentachloronitrobenzene	280	920		U
87-86-5	Pentachlorophenol	280	3700		U
62-44-2	Phenacetin	280	920		U
85-01-8	Phenanthrene	110	920		U
108-95-2	Phenol	280	920		U
106-50-3	p-Phenylenediamine	280	920		U
298-02-2	Phorate	280	920		U
109-06-8	2-Picoline	280	920		U
23950-58-5	Pronamide	280	920		U
129-00-0	Pyrene	110	920		U
110-86-1	Pyridine	280	3700		U
94-59-7	Safrole	280	920		U
3689-24-5	Sulfotepp	280	920		U
95-94-3	1,2,4,5-Tetrachlorobenzene	280	920		U
58-90-2	2,3,4,6-Tetrachlorophenol	280	920		U
297-97-2	Thionazin	280	920		U
95-53-4	o-Toluidine	280	920		U
120-82-1	1,2,4-Trichlorobenzene	280	920		U
95-95-4	2,4,5-Trichlorophenol	280	920		U
88-06-2	2,4,6-Trichlorophenol	280	920		U
126-68-1	O,O,O-Triethylphosphorothioa	280	920		U
99-35-4	sym-Trinitrobenzene	280	920		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110813

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	340	2800		U
208-96-8	Acenaphthylene	340	2800		U
98-86-2	Acetophenone	860	2800		U
53-96-3	2-Acetylaminofluorene	860	2800		U
92-67-1	4-Aminobiphenyl	860	2800		U
62-53-3	Aniline	860	2800		U
140-57-8	Aramite	860	2800		U
120-12-7	Anthracene	340	2800		U
65-85-0	Benzoic acid	860	11000		U
56-55-3	Benzo(a)anthracene	340	2800		U
205-99-2	Benzo(b)fluoranthene	340	2800		U
207-08-9	Benzo(k)fluoranthene	340	2800		U
191-24-2	Benzo(g,h,i)perylene	340	2800		U
50-32-8	Benzo(a)pyrene	340	2800		U
100-51-6	Benzyl alcohol	860	2800		U
111-91-1	bis(2-Chloroethoxy)methane	860	2800		U
111-44-4	bis(2-Chloroethyl)ether	860	2800		U
108-60-1	bis(2-Chloroisopropyl)ether	860	2800		U
117-81-7	Bis(2-ethylhexyl)phthalate	860	2800		U
101-55-3	4-Bromophenyl-phenylether	860	2800		U
85-68-7	Butylbenzylphthalate	860	2800		U
106-47-8	4-Chloroaniline	860	2800		U
510-15-6	Chlorobenzilate	860	2800		U
59-50-7	4-Chloro-3-methylphenol	860	2800		U
91-58-7	2-Chloronaphthalene	860	2800		U
95-57-8	2-Chlorophenol	860	2800		U
7005-72-3	4-Chlorophenyl-phenylether	860	2800		U
218-01-9	Chrysene	340	2800		U
2303-16-4	Diallate	860	2800		U
53-70-3	Dibenz(a,h)anthracene	340	2800		U
132-64-9	Dibenzofuran	860	2800		U
91-94-1	3,3'-Dichlorobenzidine	1300	2800		U
106-46-7	1,4-Dichlorobenzene	860	2800		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110813

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	860	2800		U
541-73-1	1,3-Dichlorobenzene	860	2800		U
120-83-2	2,4-Dichlorophenol	860	2800		U
87-65-0	2,6-Dichlorophenol	860	2800		U
84-66-2	Diethylphthalate	860	2800		U
60-51-5	Dimethoate	860	2800		U
60-11-7	p-(Dimethylamino)azobenzene	860	2800		U
57-97-6	7,12-Dimethylbenz[a]anthrace	860	2800		U
119-93-7	3,3'-Dimethylbenzidine	860	2800		U
122-09-8	a,a-Dimethyl-phenethylamine	860	2800		U
105-67-9	2,4-Dimethylphenol	860	11000		U
131-11-3	Dimethylphthalate	860	2800		U
84-74-2	Di-n-butylphthalate	860	2800		U
99-65-0	m-Dinitrobenzene	860	2800		U
534-52-1	4,6-Dinitro-2-methylphenol	860	11000		U
51-28-5	2,4-Dinitrophenol	860	28000		U
121-14-2	2,4-Dinitrotoluene	860	2800		U
606-20-2	2,6-Dinitrotoluene	860	2800		U
88-85-7	Dinoseb	860	2800		U
117-84-0	Di-n-octylphthalate	860	2800		U
122-39-4	Diphenylamine	860	2800		U
298-04-4	Disulfoton	860	2800		U
62-50-0	Ethyl methanesulfonate	860	2800		U
52-85-7	Famphur	860	2800		U
206-44-0	Fluoranthene	340	2800		U
86-73-7	Fluorene	340	2800		U
118-74-1	Hexachlorobenzene	860	2800		U
87-68-3	Hexachlorobutadiene	860	2800		U
77-47-4	Hexachlorocyclopentadiene	860	2800		U
67-72-1	Hexachloroethane	860	2800		U
70-30-4	Hexachlorophene	860	5700		U
1888-71-7	Hexachloropropene	860	2800		U
193-39-5	Indeno(1,2,3-cd)pyrene	340	2800		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110813

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	860	2800		U
78-59-1	Isophorone	860	2800		U
120-58-1	Isosafrole	860	2800		U
143-50-0	Kepone	860	2800		U
91-80-5	Methapyrilene	860	2800		U
56-49-5	3-Methylcholanthrene	860	2800		U
66-27-3	Methyl methanesulfonate	860	2800		U
91-57-6	2-Methylnaphthalene	340	2800		U
298-00-0	Methyl parathion	860	2800		U
106-44-5	4-Methylphenol	860	2800		U
91-20-3	Naphthalene	340	2800		U
95-48-7	2-Methylphenol	860	2800		U
108-39-4	3-Methylphenol	860	2800		U
130-15-4	1,4-Naphthoquinone	860	2800		U
134-32-7	1-Naphthylamine	860	2800		U
91-59-8	2-Naphthylamine	860	2800		U
88-74-4	2-Nitroaniline	860	11000		U
99-09-2	3-Nitroaniline	860	11000		U
100-01-6	4-Nitroaniline	860	11000		U
98-95-3	Nitrobenzene	860	2800		U
88-75-5	2-Nitrophenol	860	2800		U
100-02-7	4-Nitrophenol	860	11000		U
56-57-5	4-Nitroquinoline-1-oxide	860	2800		U
924-16-3	N-Nitrosodi-n-butylamine	860	2800		U
55-18-5	N-Nitrosodiethylamine	860	2800		U
62-75-9	N-Nitroso-di-methylamine	860	2800		U
86-30-6	N-Nitrosodiphenylamine (1)	860	2800		U
621-64-7	N-Nitroso-di-n-propylamine	860	2800		U
10595-95-6	N-Nitrosomethylethylamine	860	2800		U
59-89-2	N-Nitrosomorpholine	860	2800		U
100-75-4	N-Nitrosopiperidine	860	2800		U
930-55-2	N-Nitrosopyrrolidine	860	2800		U
99-55-8	5-Nitro-o-toluidine	860	2800		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110813

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	860	2800		U
608-93-5	Pentachlorobenzene	860	2800		U
76-01-7	Pentachloroethane	860	2800		U
82-68-8	Pentachloronitrobenzene	860	2800		U
87-86-5	Pentachlorophenol	860	11000		U
62-44-2	Phenacetin	860	2800		U
85-01-8	Phenanthrene	340	2800		U
108-95-2	Phenol	860	2800		U
106-50-3	p-Phenylenediamine	860	2800		U
298-02-2	Phorate	860	2800		U
109-06-8	2-Picoline	860	2800		U
23950-58-5	Pronamide	860	2800		U
129-00-0	Pyrene	340	2800		U
110-86-1	Pyridine	860	11000		U
94-59-7	Safrole	860	2800		U
3689-24-5	Sulfotepp	860	2800		U
95-94-3	1,2,4,5-Tetrachlorobenzene	860	2800		U
58-90-2	2,3,4,6-Tetrachlorophenol	860	2800		U
297-97-2	Thionazin	860	2800		U
95-53-4	o-Toluidine	860	2800		U
120-82-1	1,2,4-Trichlorobenzene	860	2800		U
95-95-4	2,4,5-Trichlorophenol	860	2800		U
88-06-2	2,4,6-Trichlorophenol	860	2800		U
126-68-1	O,O,O-Triethylphosphorothioa	860	2800		U
99-35-4	sym-Trinitrobenzene	860	2800		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1110814

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	180	1500		U
208-96-8	Acenaphthylene	180	1500		U
98-86-2	Acetophenone	460	1500		U
53-96-3	2-Acetylaminofluorene	460	1500		U
92-67-1	4-Aminobiphenyl	460	1500		U
62-53-3	Aniline	460	1500		U
140-57-8	Aramite	460	1500		U
120-12-7	Anthracene	180	1500		U
65-85-0	Benzoic acid	460	6200		U
56-55-3	Benzo(a)anthracene	180	1500		U
205-99-2	Benzo(b)fluoranthene	180	1500		U
207-08-9	Benzo(k)fluoranthene	180	1500		U
191-24-2	Benzo(g,h,i)perylene	180	1500		U
50-32-8	Benzo(a)pyrene	180	1500		U
100-51-6	Benzyl alcohol	460	1500		U
111-91-1	bis(2-Chloroethoxy)methane	460	1500		U
111-44-4	bis(2-Chloroethyl)ether	460	1500		U
108-60-1	bis(2-Chloroisopropyl)ether	460	1500		U
117-81-7	Bis(2-ethylhexyl)phthalate	460	1500		U
101-55-3	4-Bromophenyl-phenylether	460	1500		U
85-68-7	Butylbenzylphthalate	460	1500		U
106-47-8	4-Chloroaniline	460	1500		U
510-15-6	Chlorobenzilate	460	1500		U
59-50-7	4-Chloro-3-methylphenol	460	1500		U
91-58-7	2-Chloronaphthalene	460	1500		U
95-57-8	2-Chlorophenol	460	1500		U
7005-72-3	4-Chlorophenyl-phenylether	460	1500		U
218-01-9	Chrysene	180	1500		U
2303-16-4	Diallate	460	1500		U
53-70-3	Dibenz(a,h)anthracene	180	1500		U
132-64-9	Dibenzofuran	460	1500		U
91-94-1	3,3'-Dichlorobenzidine	700	1500		U
106-46-7	1,4-Dichlorobenzene	460	1500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1110814

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	460	1500		U
541-73-1	1,3-Dichlorobenzene	460	1500		U
120-83-2	2,4-Dichlorophenol	460	1500		U
87-65-0	2,6-Dichlorophenol	460	1500		U
84-66-2	Diethylphthalate	460	1500		U
60-51-5	Dimethoate	460	1500		U
60-11-7	p-(Dimethylamino)azobenzene	460	1500		U
57-97-6	7,12-Dimethylbenz[a]anthrace	460	1500		U
119-93-7	3,3'-Dimethylbenzidine	460	1500		U
122-09-8	a,a-Dimethyl-phenethylamine	460	1500		U
105-67-9	2,4-Dimethylphenol	460	6200		U
131-11-3	Dimethylphthalate	460	1500		U
84-74-2	Di-n-butylphthalate	460	1500		U
99-65-0	m-Dinitrobenzene	460	1500		U
534-52-1	4,6-Dinitro-2-methylphenol	460	6200		U
51-28-5	2,4-Dinitrophenol	460	15000		U
121-14-2	2,4-Dinitrotoluene	460	1500		U
606-20-2	2,6-Dinitrotoluene	460	1500		U
88-85-7	Dinoseb	460	1500		U
117-84-0	Di-n-octylphthalate	460	1500		U
122-39-4	Diphenylamine	460	1500		U
298-04-4	Disulfoton	460	1500		U
62-50-0	Ethyl methanesulfonate	460	1500		U
52-85-7	Famphur	460	1500		U
206-44-0	Fluoranthene	180	1500		U
86-73-7	Fluorene	180	1500		U
118-74-1	Hexachlorobenzene	460	1500		U
87-68-3	Hexachlorobutadiene	460	1500		U
77-47-4	Hexachlorocyclopentadiene	460	1500		U
67-72-1	Hexachloroethane	460	1500		U
70-30-4	Hexachlorophene	460	3100		U
1888-71-7	Hexachloropropene	460	1500		U
193-39-5	Indeno(1,2,3-cd)pyrene	180	1500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1110814

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	460	1500		U
78-59-1	Isophorone	460	1500		U
120-58-1	Isosafrole	460	1500		U
143-50-0	Kepone	460	1500		U
91-80-5	Methapyrilene	460	1500		U
56-49-5	3-Methylcholanthrene	460	1500		U
66-27-3	Methyl methanesulfonate	460	1500		U
91-57-6	2-Methylnaphthalene	180	1500		U
298-00-0	Methyl parathion	460	1500		U
106-44-5	4-Methylphenol	460	1500		U
91-20-3	Naphthalene	180	1500		U
95-48-7	2-Methylphenol	460	1500		U
108-39-4	3-Methylphenol	460	1500		U
130-15-4	1,4-Naphthoquinone	460	1500		U
134-32-7	1-Naphthylamine	460	1500		U
91-59-8	2-Naphthylamine	460	1500		U
88-74-4	2-Nitroaniline	460	6200		U
99-09-2	3-Nitroaniline	460	6200		U
100-01-6	4-Nitroaniline	460	6200		U
98-95-3	Nitrobenzene	460	1500		U
88-75-5	2-Nitrophenol	460	1500		U
100-02-7	4-Nitrophenol	460	6200		U
56-57-5	4-Nitroquinoline-1-oxide	460	1500		U
924-16-3	N-Nitrosodi-n-butylamine	460	1500		U
55-18-5	N-Nitrosodiethylamine	460	1500		U
62-75-9	N-Nitroso-di-methylamine	460	1500		U
86-30-6	N-Nitrosodiphenylamine (1)	460	1500		U
621-64-7	N-Nitroso-di-n-propylamine	460	1500		U
10595-95-6	N-Nitrosomethylethylamine	460	1500		U
59-89-2	N-Nitrosomorpholine	460	1500		U
100-75-4	N-Nitrosopiperidine	460	1500		U
930-55-2	N-Nitrosopyrrolidine	460	1500		U
99-55-8	5-Nitro-o-toluidine	460	1500		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 1110814

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 17:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	460	1500		U
608-93-5	Pentachlorobenzene	460	1500		U
76-01-7	Pentachloroethane	460	1500		U
82-68-8	Pentachloronitrobenzene	460	1500		U
87-86-5	Pentachlorophenol	460	6200		U
62-44-2	Phenacetin	460	1500		U
85-01-8	Phenanthrene	180	1500		U
108-95-2	Phenol	460	1500		U
106-50-3	p-Phenylenediamine	460	1500		U
298-02-2	Phorate	460	1500		U
109-06-8	2-Picoline	460	1500		U
23950-58-5	Pronamide	460	1500		U
129-00-0	Pyrene	180	1500		U
110-86-1	Pyridine	460	6200		U
94-59-7	Safrole	460	1500		U
3689-24-5	Sulfotepp	460	1500		U
95-94-3	1,2,4,5-Tetrachlorobenzene	460	1500		U
58-90-2	2,3,4,6-Tetrachlorophenol	460	1500		U
297-97-2	Thionazin	460	1500		U
95-53-4	o-Toluidine	460	1500		U
120-82-1	1,2,4-Trichlorobenzene	460	1500		U
95-95-4	2,4,5-Trichlorophenol	460	1500		U
88-06-2	2,4,6-Trichlorophenol	460	1500		U
126-68-1	O,O,O-Triethylphosphorothioa	460	1500		U
99-35-4	sym-Trinitrobenzene	460	1500		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110815

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	140	1200		U
208-96-8	Acenaphthylene	140	1200		U
98-86-2	Acetophenone	350	1200		U
53-96-3	2-Acetylaminofluorene	350	1200		U
92-67-1	4-Aminobiphenyl	350	1200		U
62-53-3	Aniline	350	1200		U
140-57-8	Aramite	350	1200		U
120-12-7	Anthracene	140	1200		U
65-85-0	Benzoic acid	350	4600		U
56-55-3	Benzo(a)anthracene	140	1200		U
205-99-2	Benzo(b)fluoranthene	140	1200		U
207-08-9	Benzo(k)fluoranthene	140	1200		U
191-24-2	Benzo(g,h,i)perylene	140	1200		U
50-32-8	Benzo(a)pyrene	140	1200		U
100-51-6	Benzyl alcohol	350	1200		U
111-91-1	bis(2-Chloroethoxy)methane	350	1200		U
111-44-4	bis(2-Chloroethyl)ether	350	1200		U
108-60-1	bis(2-Chloroisopropyl)ether	350	1200		U
117-81-7	Bis(2-ethylhexyl)phthalate	350	1200		U
101-55-3	4-Bromophenyl-phenylether	350	1200		U
85-68-7	Butylbenzylphthalate	350	1200		U
106-47-8	4-Chloroaniline	350	1200		U
510-15-6	Chlorobenzilate	350	1200		U
59-50-7	4-Chloro-3-methylphenol	350	1200		U
91-58-7	2-Chloronaphthalene	350	1200		U
95-57-8	2-Chlorophenol	350	1200		U
7005-72-3	4-Chlorophenyl-phenylether	350	1200		U
218-01-9	Chrysene	140	1200		U
2303-16-4	Diallate	350	1200		U
53-70-3	Dibenz(a,h)anthracene	140	1200		U
132-64-9	Dibenzofuran	350	1200		U
91-94-1	3,3'-Dichlorobenzidine	520	1200		U
106-46-7	1,4-Dichlorobenzene	350	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110815

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
95-50-1	1,2-Dichlorobenzene	350	1200		U
541-73-1	1,3-Dichlorobenzene	350	1200		U
120-83-2	2,4-Dichlorophenol	350	1200		U
87-65-0	2,6-Dichlorophenol	350	1200		U
84-66-2	Diethylphthalate	350	1200		U
60-51-5	Dimethoate	350	1200		U
60-11-7	p-(Dimethylamino)azobenzene	350	1200		U
57-97-6	7,12-Dimethylbenz[a]anthrace	350	1200		U
119-93-7	3,3'-Dimethylbenzidine	350	1200		U
122-09-8	a,a-Dimethyl-phenethylamine	350	1200		U
105-67-9	2,4-Dimethylphenol	350	4600		U
131-11-3	Dimethylphthalate	350	1200		U
84-74-2	Di-n-butylphthalate	350	1200		U
99-65-0	m-Dinitrobenzene	350	1200		U
534-52-1	4,6-Dinitro-2-methylphenol	350	4600		U
51-28-5	2,4-Dinitrophenol	350	12000		U
121-14-2	2,4-Dinitrotoluene	350	1200		U
606-20-2	2,6-Dinitrotoluene	350	1200		U
88-85-7	Dinoseb	350	1200		U
117-84-0	Di-n-octylphthalate	350	1200		U
122-39-4	Diphenylamine	350	1200		U
298-04-4	Disulfoton	350	1200		U
62-50-0	Ethyl methanesulfonate	350	1200		U
52-85-7	Famphur	350	1200		U
206-44-0	Fluoranthene	140	1200		U
86-73-7	Fluorene	140	1200		U
118-74-1	Hexachlorobenzene	350	1200		U
87-68-3	Hexachlorobutadiene	350	1200		U
77-47-4	Hexachlorocyclopentadiene	350	1200		U
67-72-1	Hexachloroethane	350	1200		U
70-30-4	Hexachlorophene	350	2300		U
1888-71-7	Hexachloropropene	350	1200		U
193-39-5	Indeno(1,2,3-cd)pyrene	140	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110815

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
465-73-6	Isodrin	350	1200		U
78-59-1	Isophorone	350	1200		U
120-58-1	Isosafrole	350	1200		U
143-50-0	Kepone	350	1200		U
91-80-5	Methapyrilene	350	1200		U
56-49-5	3-Methylcholanthrene	350	1200		U
66-27-3	Methyl methanesulfonate	350	1200		U
91-57-6	2-Methylnaphthalene	140	1200		U
298-00-0	Methyl parathion	350	1200		U
106-44-5	4-Methylphenol	350	1200		U
91-20-3	Naphthalene	140	1200		U
95-48-7	2-Methylphenol	350	1200		U
108-39-4	3-Methylphenol	350	1200		U
130-15-4	1,4-Naphthoquinone	350	1200		U
134-32-7	1-Naphthylamine	350	1200		U
91-59-8	2-Naphthylamine	350	1200		U
88-74-4	2-Nitroaniline	350	4600		U
99-09-2	3-Nitroaniline	350	4600		U
100-01-6	4-Nitroaniline	350	4600		U
98-95-3	Nitrobenzene	350	1200		U
88-75-5	2-Nitrophenol	350	1200		U
100-02-7	4-Nitrophenol	350	4600		U
56-57-5	4-Nitroquinoline-1-oxide	350	1200		U
924-16-3	N-Nitrosodi-n-butylamine	350	1200		U
55-18-5	N-Nitrosodiethylamine	350	1200		U
62-75-9	N-Nitroso-di-methylamine	350	1200		U
86-30-6	N-Nitrosodiphenylamine (1)	350	1200		U
621-64-7	N-Nitroso-di-n-propylamine	350	1200		U
10595-95-6	N-Nitrosomethylethylamine	350	1200		U
59-89-2	N-Nitrosomorpholine	350	1200		U
100-75-4	N-Nitrosopiperidine	350	1200		U
930-55-2	N-Nitrosopyrrolidine	350	1200		U
99-55-8	5-Nitro-o-toluidine	350	1200		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 1110815

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	350	1200		U
608-93-5	Pentachlorobenzene	350	1200		U
76-01-7	Pentachloroethane	350	1200		U
82-68-8	Pentachloronitrobenzene	350	1200		U
87-86-5	Pentachlorophenol	350	4600		U
62-44-2	Phenacetin	350	1200		U
85-01-8	Phenanthrene	140	1200		U
108-95-2	Phenol	350	1200		U
106-50-3	p-Phenylenediamine	350	1200		U
298-02-2	Phorate	350	1200		U
109-06-8	2-Picoline	350	1200		U
23950-58-5	Pronamide	350	1200		U
129-00-0	Pyrene	140	1200		U
110-86-1	Pyridine	350	4600		U
94-59-7	Safrole	350	1200		U
3689-24-5	Sulfotepp	350	1200		U
95-94-3	1,2,4,5-Tetrachlorobenzene	350	1200		U
58-90-2	2,3,4,6-Tetrachlorophenol	350	1200		U
297-97-2	Thionazin	350	1200		U
95-53-4	o-Toluidine	350	1200		U
120-82-1	1,2,4-Trichlorobenzene	350	1200		U
95-95-4	2,4,5-Trichlorophenol	350	1200		U
88-06-2	2,4,6-Trichlorophenol	350	1200		U
126-68-1	O,O,O-Triethylphosphorothioa	350	1200		U
99-35-4	sym-Trinitrobenzene	350	1200		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110816

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	98	820		U
208-96-8	Acenaphthylene	98	820		U
98-86-2	Acetophenone	240	820		U
53-96-3	2-Acetylaminofluorene	240	820		U
92-67-1	4-Aminobiphenyl	240	820		U
62-53-3	Aniline	240	820		U
140-57-8	Aramite	240	820		U
120-12-7	Anthracene	98	820		U
65-85-0	Benzoic acid	240	3300		U
56-55-3	Benzo(a)anthracene	98	820		U
205-99-2	Benzo(b)fluoranthene	98	820		U
207-08-9	Benzo(k)fluoranthene	98	820		U
191-24-2	Benzo(g,h,i)perylene	98	820		U
50-32-8	Benzo(a)pyrene	98	820		U
100-51-6	Benzyl alcohol	240	820		U
111-91-1	bis(2-Chloroethoxy)methane	240	820		U
111-44-4	bis(2-Chloroethyl)ether	240	820		U
108-60-1	bis(2-Chloroisopropyl)ether	240	820		U
117-81-7	Bis(2-ethylhexyl)phthalate	240	820		U
101-55-3	4-Bromophenyl-phenylether	240	820		U
85-68-7	Butylbenzylphthalate	240	820		U
106-47-8	4-Chloroaniline	240	820		U
510-15-6	Chlorobenzilate	240	820		U
59-50-7	4-Chloro-3-methylphenol	240	820		U
91-58-7	2-Chloronaphthalene	240	820		U
95-57-8	2-Chlorophenol	240	820		U
7005-72-3	4-Chlorophenyl-phenylether	240	820		U
218-01-9	Chrysene	98	820		U
2303-16-4	Diallate	240	820		U
53-70-3	Dibenz(a,h)anthracene	98	820		U
132-64-9	Dibenzofuran	240	820		U
91-94-1	3,3'-Dichlorobenzidine	370	820		U
106-46-7	1,4-Dichlorobenzene	240	820		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110816

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	240	820		U
541-73-1	1,3-Dichlorobenzene	240	820		U
120-83-2	2,4-Dichlorophenol	240	820		U
87-65-0	2,6-Dichlorophenol	240	820		U
84-66-2	Diethylphthalate	240	820		U
60-51-5	Dimethoate	240	820		U
60-11-7	p-(Dimethylamino)azobenzene	240	820		U
57-97-6	7,12-Dimethylbenz[a]anthrace	240	820		U
119-93-7	3,3'-Dimethylbenzidine	240	820		U
122-09-8	a,a-Dimethyl-phenethylamine	240	820		U
105-67-9	2,4-Dimethylphenol	240	3300		U
131-11-3	Dimethylphthalate	240	820		U
84-74-2	Di-n-butylphthalate	240	820		U
99-65-0	m-Dinitrobenzene	240	820		U
534-52-1	4,6-Dinitro-2-methylphenol	240	3300		U
51-28-5	2,4-Dinitrophenol	240	8200		U
121-14-2	2,4-Dinitrotoluene	240	820		U
606-20-2	2,6-Dinitrotoluene	240	820		U
88-85-7	Dinoseb	240	820		U
117-84-0	Di-n-octylphthalate	240	820		U
122-39-4	Diphenylamine	240	820		U
298-04-4	Disulfoton	240	820		U
62-50-0	Ethyl methanesulfonate	240	820		U
52-85-7	Famphur	240	820		U
206-44-0	Fluoranthene	98	820		U
86-73-7	Fluorene	98	820		U
118-74-1	Hexachlorobenzene	240	820		U
87-68-3	Hexachlorobutadiene	240	820		U
77-47-4	Hexachlorocyclopentadiene	240	820		U
67-72-1	Hexachloroethane	240	820		U
70-30-4	Hexachlorophene	240	1600		U
1888-71-7	Hexachloropropene	240	820		U
193-39-5	Indeno(1,2,3-cd)pyrene	98	820		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110816

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	240	820		U
78-59-1	Isophorone	240	820		U
120-58-1	Isosafrole	240	820		U
143-50-0	Kepone	240	820		U
91-80-5	Methapyrilene	240	820		U
56-49-5	3-Methylcholanthrene	240	820		U
66-27-3	Methyl methanesulfonate	240	820		U
91-57-6	2-Methylnaphthalene	98	820		U
298-00-0	Methyl parathion	240	820		U
106-44-5	4-Methylphenol	240	820		U
91-20-3	Naphthalene	98	820		U
95-48-7	2-Methylphenol	240	820		U
108-39-4	3-Methylphenol	240	820		U
130-15-4	1,4-Naphthoquinone	240	820		U
134-32-7	1-Naphthylamine	240	820		U
91-59-8	2-Naphthylamine	240	820		U
88-74-4	2-Nitroaniline	240	3300		U
99-09-2	3-Nitroaniline	240	3300		U
100-01-6	4-Nitroaniline	240	3300		U
98-95-3	Nitrobenzene	240	820		U
88-75-5	2-Nitrophenol	240	820		U
100-02-7	4-Nitrophenol	240	3300		U
56-57-5	4-Nitroquinoline-1-oxide	240	820		U
924-16-3	N-Nitrosodi-n-butylamine	240	820		U
55-18-5	N-Nitrosodiethylamine	240	820		U
62-75-9	N-Nitroso-di-methylamine	240	820		U
86-30-6	N-Nitrosodiphenylamine (1)	240	820		U
621-64-7	N-Nitroso-di-n-propylamine	240	820		U
10595-95-6	N-Nitrosomethylethylamine	240	820		U
59-89-2	N-Nitrosomorpholine	240	820		U
100-75-4	N-Nitrosopiperidine	240	820		U
930-55-2	N-Nitrosopyrrolidine	240	820		U
99-55-8	5-Nitro-o-toluidine	240	820		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110816

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
56-38-2	Parathion	240	820		U
608-93-5	Pentachlorobenzene	240	820		U
76-01-7	Pentachloroethane	240	820		U
82-68-8	Pentachloronitrobenzene	240	820		U
87-86-5	Pentachlorophenol	240	3300		U
62-44-2	Phenacetin	240	820		U
85-01-8	Phenanthrene	98	820		U
108-95-2	Phenol	240	820		U
106-50-3	p-Phenylenediamine	240	820		U
298-02-2	Phorate	240	820		U
109-06-8	2-Picoline	240	820		U
23950-58-5	Pronamide	240	820		U
129-00-0	Pyrene	98	820		U
110-86-1	Pyridine	240	3300		U
94-59-7	Safrole	240	820		U
3689-24-5	Sulfotepp	240	820		U
95-94-3	1,2,4,5-Tetrachlorobenzene	240	820		U
58-90-2	2,3,4,6-Tetrachlorophenol	240	820		U
297-97-2	Thionazin	240	820		U
95-53-4	o-Toluidine	240	820		U
120-82-1	1,2,4-Trichlorobenzene	240	820		U
95-95-4	2,4,5-Trichlorophenol	240	820		U
88-06-2	2,4,6-Trichlorophenol	240	820		U
126-68-1	O,O,O-Triethylphosphorothioa	240	820		U
99-35-4	sym-Trinitrobenzene	240	820		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110817

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
83-32-9	Acenaphthene	84	700		U
208-96-8	Acenaphthylene	84	700		U
98-86-2	Acetophenone	210	700		U
53-96-3	2-Acetylaminofluorene	210	700		U
92-67-1	4-Aminobiphenyl	210	700		U
62-53-3	Aniline	210	700		U
140-57-8	Aramite	210	700		U
120-12-7	Anthracene	84	700		U
65-85-0	Benzoic acid	210	2800		U
56-55-3	Benzo(a)anthracene	84	700		U
205-99-2	Benzo(b)fluoranthene	84	700		U
207-08-9	Benzo(k)fluoranthene	84	700		U
191-24-2	Benzo(g,h,i)perylene	84	700		U
50-32-8	Benzo(a)pyrene	84	700		U
100-51-6	Benzyl alcohol	210	700		U
111-91-1	bis(2-Chloroethoxy)methane	210	700		U
111-44-4	bis(2-Chloroethyl)ether	210	700		U
108-60-1	bis(2-Chloroisopropyl)ether	210	700		U
117-81-7	Bis(2-ethylhexyl)phthalate	210	700		U
101-55-3	4-Bromophenyl-phenylether	210	700		U
85-68-7	Butylbenzylphthalate	210	700		U
106-47-8	4-Chloroaniline	210	700		U
510-15-6	Chlorobenzilate	210	700		U
59-50-7	4-Chloro-3-methylphenol	210	700		U
91-58-7	2-Chloronaphthalene	210	700		U
95-57-8	2-Chlorophenol	210	700		U
7005-72-3	4-Chlorophenyl-phenylether	210	700		U
218-01-9	Chrysene	84	700		U
2303-16-4	Diallate	210	700		U
53-70-3	Dibenz(a,h)anthracene	84	700		U
132-64-9	Dibenzofuran	210	700		U
91-94-1	3,3'-Dichlorobenzidine	310	700		U
106-46-7	1,4-Dichlorobenzene	210	700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110817

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	210	700		U
541-73-1	1,3-Dichlorobenzene	210	700		U
120-83-2	2,4-Dichlorophenol	210	700		U
87-65-0	2,6-Dichlorophenol	210	700		U
84-66-2	Diethylphthalate	210	700		U
60-51-5	Dimethoate	210	700		U
60-11-7	p-(Dimethylamino)azobenzene	210	700		U
57-97-6	7,12-Dimethylbenz[a]anthrace	210	700		U
119-93-7	3,3'-Dimethylbenzidine	210	700		U
122-09-8	a,a-Dimethyl-phenethylamine	210	700		U
105-67-9	2,4-Dimethylphenol	210	2800		U
131-11-3	Dimethylphthalate	210	700		U
84-74-2	Di-n-butylphthalate	210	700		U
99-65-0	m-Dinitrobenzene	210	700		U
534-52-1	4,6-Dinitro-2-methylphenol	210	2800		U
51-28-5	2,4-Dinitrophenol	210	7000		U
121-14-2	2,4-Dinitrotoluene	210	700		U
606-20-2	2,6-Dinitrotoluene	210	700		U
88-85-7	Dinoseb	210	700		U
117-84-0	Di-n-octylphthalate	210	700		U
122-39-4	Diphenylamine	210	700		U
298-04-4	Disulfoton	210	700		U
62-50-0	Ethyl methanesulfonate	210	700		U
52-85-7	Famphur	210	700		U
206-44-0	Fluoranthene	84	700		U
86-73-7	Fluorene	84	700		U
118-74-1	Hexachlorobenzene	210	700		U
87-68-3	Hexachlorobutadiene	210	700		U
77-47-4	Hexachlorocyclopentadiene	210	700		U
67-72-1	Hexachloroethane	210	700		U
70-30-4	Hexachlorophene	210	1400		U
1888-71-7	Hexachloropropene	210	700		U
193-39-5	Indeno(1,2,3-cd)pyrene	84	700		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110817

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	210	700		U
78-59-1	Isophorone	210	700		U
120-58-1	Isosafrole	210	700		U
143-50-0	Kepone	210	700		U
91-80-5	Methapyrilene	210	700		U
56-49-5	3-Methylcholanthrene	210	700		U
66-27-3	Methyl methanesulfonate	210	700		U
91-57-6	2-Methylnaphthalene	84	700		U
298-00-0	Methyl parathion	210	700		U
106-44-5	4-Methylphenol	210	700		U
91-20-3	Naphthalene	84	700		U
95-48-7	2-Methylphenol	210	700		U
108-39-4	3-Methylphenol	210	700		U
130-15-4	1,4-Naphthoquinone	210	700		U
134-32-7	1-Naphthylamine	210	700		U
91-59-8	2-Naphthylamine	210	700		U
88-74-4	2-Nitroaniline	210	2800		U
99-09-2	3-Nitroaniline	210	2800		U
100-01-6	4-Nitroaniline	210	2800		U
98-95-3	Nitrobenzene	210	700		U
88-75-5	2-Nitrophenol	210	700		U
100-02-7	4-Nitrophenol	210	2800		U
56-57-5	4-Nitroquinoline-1-oxide	210	700		U
924-16-3	N-Nitrosodi-n-butylamine	210	700		U
55-18-5	N-Nitrosodiethylamine	210	700		U
62-75-9	N-Nitroso-di-methylamine	210	700		U
86-30-6	N-Nitrosodiphenylamine (1)	210	700		U
621-64-7	N-Nitroso-di-n-propylamine	210	700		U
10595-95-6	N-Nitrosomethylethylamine	210	700		U
59-89-2	N-Nitrosomorpholine	210	700		U
100-75-4	N-Nitrosopiperidine	210	700		U
930-55-2	N-Nitrosopyrrolidine	210	700		U
99-55-8	5-Nitro-o-toluidine	210	700		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 1110817

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/21/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/04/06 19:36

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
56-38-2	Parathion	210	700		U
608-93-5	Pentachlorobenzene	210	700		U
76-01-7	Pentachloroethane	210	700		U
82-68-8	Pentachloronitrobenzene	210	700		U
87-86-5	Pentachlorophenol	210	2800		U
62-44-2	Phenacetin	210	700		U
85-01-8	Phenanthrene	84	700		U
108-95-2	Phenol	210	700		U
106-50-3	p-Phenylenediamine	210	700		U
298-02-2	Phorate	210	700		U
109-06-8	2-Picoline	210	700		U
23950-58-5	Pronamide	210	700		U
129-00-0	Pyrene	84	700		U
110-86-1	Pyridine	210	2800		U
94-59-7	Safrole	210	700		U
3689-24-5	Sulfotepp	210	700		U
95-94-3	1,2,4,5-Tetrachlorobenzene	210	700		U
58-90-2	2,3,4,6-Tetrachlorophenol	210	700		U
297-97-2	Thionazin	210	700		U
95-53-4	o-Toluidine	210	700		U
120-82-1	1,2,4-Trichlorobenzene	210	700		U
95-95-4	2,4,5-Trichlorophenol	210	700		U
88-06-2	2,4,6-Trichlorophenol	210	700		U
126-68-1	O,O,O-Triethylphosphorothioa	210	700		U
99-35-4	sym-Trinitrobenzene	210	700		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 033F3301

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 23:51

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.42	1.3		U
319-84-6	Alpha-BHC	0.42	1.3		U
319-85-7	Beta-BHC	0.42	1.3		U
72-54-8	4,4'-DDD	0.64	2.6	2.4	I
72-55-9	4,4'-DDE	0.64	2.6	1.8	IJ3J2
50-29-3	4,4'-DDT	0.64	2.6	3.6	J3
319-86-8	Delta-BHC	0.42	1.3		U
60-57-1	Dieldrin	0.64	2.6		U
959-98-8	Endosulfan I	0.42	1.3		U
33213-65-9	Endosulfan II	0.64	2.6		U
1031-07-8	Endosulfan Sulfate	0.64	2.6		U
72-20-8	Endrin	0.64	2.6		U
7421-93-4	Endrin Aldehyde	0.64	2.6		U
58-89-9	Gamma-BHC	0.42	1.3		U
76-44-8	Heptachlor	0.42	1.3		U
1024-57-3	Heptachlor Epoxide	0.42	1.3		U
72-43-5	Methoxychlor	0.42	1.3		U
8001-35-2	Toxaphene	42	130		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-10-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-11DL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 029F2901

% Moisture: 50 decanted: (Y/N) N Date Sampled: 11/08/06 16:20

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 03:22

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
309-00-2	Aldrin	4.2	13		UD
319-84-6	Alpha-BHC	4.2	13		UD
319-85-7	Beta-BHC	4.2	13		UD
72-54-8	4,4'-DDD	6.4	26		UD
72-55-9	4,4'-DDE	6.4	26		UD
50-29-3	4,4'-DDT	6.4	26		UD
319-86-8	Delta-BHC	4.2	13		UD
60-57-1	Dieldrin	6.4	26		UD
959-98-8	Endosulfan I	4.2	13		UD
33213-65-9	Endosulfan II	6.4	26		UD
1031-07-8	Endosulfan Sulfate	6.4	26		UD
72-20-8	Endrin	6.4	26		UD
7421-93-4	Endrin Aldehyde	6.4	26		UD
58-89-9	Gamma-BHC	4.2	13		UD
76-44-8	Heptachlor	4.2	13		UD
1024-57-3	Heptachlor Epoxide	4.2	13		UD
72-43-5	Methoxychlor	4.2	13		UD
8001-35-2	Toxaphene	420	1300		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 034F3401

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 00:18

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.56	1.7		U
319-84-6	Alpha-BHC	0.56	1.7		U
319-85-7	Beta-BHC	0.56	1.7		U
72-54-8	4,4'-DDD	0.85	3.4	6.9	
72-55-9	4,4'-DDE	0.85	3.4	9.1	
50-29-3	4,4'-DDT	0.85	3.4	6.5	J2
319-86-8	Delta-BHC	0.56	1.7		U
60-57-1	Dieldrin	0.85	3.4		U
959-98-8	Endosulfan I	0.56	1.7		U
33213-65-9	Endosulfan II	0.85	3.4		U
1031-07-8	Endosulfan Sulfate	0.85	3.4		U
72-20-8	Endrin	0.85	3.4		U
7421-93-4	Endrin Aldehyde	0.85	3.4		U
58-89-9	Gamma-BHC	0.56	1.7		U
76-44-8	Heptachlor	0.56	1.7		U
1024-57-3	Heptachlor Epoxide	0.56	1.7		U
72-43-5	Methoxychlor	0.56	1.7		U
8001-35-2	Toxaphene	56	170		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-11-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-12DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 030F3001

% Moisture: 62 decanted: (Y/N) N Date Sampled: 11/08/06 16:48

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 03:49

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	5.6	17		UD
319-84-6	Alpha-BHC	5.6	17		UD
319-85-7	Beta-BHC	5.6	17		UD
72-54-8	4,4'-DDD	8.5	34		UD
72-55-9	4,4'-DDE	8.5	34		UD
50-29-3	4,4'-DDT	8.5	34		UD
319-86-8	Delta-BHC	5.6	17		UD
60-57-1	Dieldrin	8.5	34		UD
959-98-8	Endosulfan I	5.6	17		UD
33213-65-9	Endosulfan II	8.5	34		UD
1031-07-8	Endosulfan Sulfate	8.5	34		UD
72-20-8	Endrin	8.5	34		UD
7421-93-4	Endrin Aldehyde	8.5	34		UD
58-89-9	Gamma-BHC	5.6	17		UD
76-44-8	Heptachlor	5.6	17		UD
1024-57-3	Heptachlor Epoxide	5.6	17		UD
72-43-5	Methoxychlor	5.6	17		UD
8001-35-2	Toxaphene	560	1700		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 040F4001

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 03:04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.34	1.0		U
319-84-6	Alpha-BHC	0.34	1.0		U
319-85-7	Beta-BHC	0.34	1.0		U
72-54-8	4,4'-DDD	0.52	2.1	20	
72-55-9	4,4'-DDE	0.52	2.1	20	
50-29-3	4,4'-DDT	0.52	2.1	21	J2
319-86-8	Delta-BHC	0.34	1.0		U
60-57-1	Dieldrin	0.52	2.1		U
959-98-8	Endosulfan I	0.34	1.0		U
33213-65-9	Endosulfan II	0.52	2.1	5.4	J3
1031-07-8	Endosulfan Sulfate	0.52	2.1		U
72-20-8	Endrin	0.52	2.1		U
7421-93-4	Endrin Aldehyde	0.52	2.1		U
58-89-9	Gamma-BHC	0.34	1.0		U
76-44-8	Heptachlor	0.34	1.0		U
1024-57-3	Heptachlor Epoxide	0.34	1.0		U
72-43-5	Methoxychlor	0.34	1.0		U
8001-35-2	Toxaphene	34	100		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-12-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-22DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 036F3601

% Moisture: 37 decanted: (Y/N) N Date Sampled: 11/09/06 07:51

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 06:35

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	3.4	10		UD
319-84-6	Alpha-BHC	3.4	10		UD
319-85-7	Beta-BHC	3.4	10		UD
72-54-8	4,4'-DDD	5.2	21		UD
72-55-9	4,4'-DDE	5.2	21	8.9	ID
50-29-3	4,4'-DDT	5.2	21	7.8	ID
319-86-8	Delta-BHC	3.4	10		UD
60-57-1	Dieldrin	5.2	21		UD
959-98-8	Endosulfan I	3.4	10		UD
33213-65-9	Endosulfan II	5.2	21		UD
1031-07-8	Endosulfan Sulfate	5.2	21		UD
72-20-8	Endrin	5.2	21		UD
7421-93-4	Endrin Aldehyde	5.2	21		UD
58-89-9	Gamma-BHC	3.4	10		UD
76-44-8	Heptachlor	3.4	10		UD
1024-57-3	Heptachlor Epoxide	3.4	10		UD
72-43-5	Methoxychlor	3.4	10		UD
8001-35-2	Toxaphene	340	1000		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 041F4101

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 03:32

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.55	1.7		U
319-84-6	Alpha-BHC	0.55	1.7		U
319-85-7	Beta-BHC	0.55	1.7		U
72-54-8	4,4'-DDD	0.83	3.3	3.8	
72-55-9	4,4'-DDE	0.83	3.3	3.9	
50-29-3	4,4'-DDT	0.83	3.3	1.6	IJ2
319-86-8	Delta-BHC	0.55	1.7		U
60-57-1	Dieldrin	0.83	3.3		U
959-98-8	Endosulfan I	0.55	1.7		U
33213-65-9	Endosulfan II	0.83	3.3		U
1031-07-8	Endosulfan Sulfate	0.83	3.3		U
72-20-8	Endrin	0.83	3.3		U
7421-93-4	Endrin Aldehyde	0.83	3.3		U
58-89-9	Gamma-BHC	0.55	1.7		U
76-44-8	Heptachlor	0.55	1.7		U
1024-57-3	Heptachlor Epoxide	0.55	1.7		U
72-43-5	Methoxychlor	0.55	1.7		U
8001-35-2	Toxaphene	55	170		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SD-13-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-23DL

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 037F3701

% Moisture: 61 decanted: (Y/N) N Date Sampled: 11/09/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 07:03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	5.5	17		UD
319-84-6	Alpha-BHC	5.5	17		UD
319-85-7	Beta-BHC	5.5	17		UD
72-54-8	4,4'-DDD	8.3	33		UD
72-55-9	4,4'-DDE	8.3	33		UD
50-29-3	4,4'-DDT	8.3	33		UD
319-86-8	Delta-BHC	5.5	17		UD
60-57-1	Dieldrin	8.3	33		UD
959-98-8	Endosulfan I	5.5	17		UD
33213-65-9	Endosulfan II	8.3	33		UD
1031-07-8	Endosulfan Sulfate	8.3	33		UD
72-20-8	Endrin	8.3	33		UD
7421-93-4	Endrin Aldehyde	8.3	33		UD
58-89-9	Gamma-BHC	5.5	17		UD
76-44-8	Heptachlor	5.5	17		UD
1024-57-3	Heptachlor Epoxide	5.5	17		UD
72-43-5	Methoxychlor	5.5	17		UD
8001-35-2	Toxaphene	550	1700		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 020F2001

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 17:52

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.80	2.4		U
319-84-6	Alpha-BHC	0.80	2.4		U
319-85-7	Beta-BHC	0.80	2.4		U
72-54-8	4,4'-DDD	1.2	4.9	14	
72-55-9	4,4'-DDE	1.2	4.9	830	L
50-29-3	4,4'-DDT	1.2	4.9	3.6	J3J2J4
319-86-8	Delta-BHC	0.80	2.4		U
60-57-1	Dieldrin	1.2	4.9		U
959-98-8	Endosulfan I	0.80	2.4		U
33213-65-9	Endosulfan II	1.2	4.9		U
1031-07-8	Endosulfan Sulfate	1.2	4.9		U
72-20-8	Endrin	1.2	4.9	4.3	IJ3
7421-93-4	Endrin Aldehyde	1.2	4.9	2.7	I
58-89-9	Gamma-BHC	0.80	2.4		U
76-44-8	Heptachlor	0.80	2.4		U
1024-57-3	Heptachlor Epoxide	0.80	2.4		U
72-43-5	Methoxychlor	0.80	2.4		U
8001-35-2	Toxaphene	80	240		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-01DL

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 016F1601

% Moisture: 74 decanted: (Y/N) N Date Sampled: 11/07/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 21:22

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	8.0	24		UD
319-84-6	Alpha-BHC	8.0	24		UD
319-85-7	Beta-BHC	8.0	24		UD
72-54-8	4,4'-DDD	12	49		UD
72-55-9	4,4'-DDE	12	49	780	D
50-29-3	4,4'-DDT	12	49		UD
319-86-8	Delta-BHC	8.0	24		UD
60-57-1	Dieldrin	12	49		UD
959-98-8	Endosulfan I	8.0	24		UD
33213-65-9	Endosulfan II	12	49		UD
1031-07-8	Endosulfan Sulfate	12	49		UD
72-20-8	Endrin	12	49		UD
7421-93-4	Endrin Aldehyde	12	49		UD
58-89-9	Gamma-BHC	8.0	24		UD
76-44-8	Heptachlor	8.0	24		UD
1024-57-3	Heptachlor Epoxide	8.0	24		UD
72-43-5	Methoxychlor	8.0	24		UD
8001-35-2	Toxaphene	800	2400		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 021F2101

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 18:19

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.63	1.9		U
319-84-6	Alpha-BHC	0.63	1.9		U
319-85-7	Beta-BHC	0.63	1.9		U
72-54-8	4,4'-DDD	0.95	3.8	8.6	
72-55-9	4,4'-DDE	0.95	3.8	370	
50-29-3	4,4'-DDT	0.95	3.8		UJ2
319-86-8	Delta-BHC	0.63	1.9		U
60-57-1	Dieldrin	0.95	3.8		U
959-98-8	Endosulfan I	0.63	1.9		U
33213-65-9	Endosulfan II	0.95	3.8		U
1031-07-8	Endosulfan Sulfate	0.95	3.8		U
72-20-8	Endrin	0.95	3.8	3.4	IJ3
7421-93-4	Endrin Aldehyde	0.95	3.8	2.4	I
58-89-9	Gamma-BHC	0.63	1.9		U
76-44-8	Heptachlor	0.63	1.9		U
1024-57-3	Heptachlor Epoxide	0.63	1.9		U
72-43-5	Methoxychlor	0.63	1.9		U
8001-35-2	Toxaphene	63	190		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-02DL

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 017F1701

% Moisture: 67 decanted: (Y/N) N Date Sampled: 11/07/06 08:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 21:50

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	6.3	19		UD
319-84-6	Alpha-BHC	6.3	19		UD
319-85-7	Beta-BHC	6.3	19		UD
72-54-8	4,4'-DDD	9.5	38		UD
72-55-9	4,4'-DDE	9.5	38	310	D
50-29-3	4,4'-DDT	9.5	38		UD
319-86-8	Delta-BHC	6.3	19		UD
60-57-1	Dieldrin	9.5	38		UD
959-98-8	Endosulfan I	6.3	19		UD
33213-65-9	Endosulfan II	9.5	38		UD
1031-07-8	Endosulfan Sulfate	9.5	38		UD
72-20-8	Endrin	9.5	38		UD
7421-93-4	Endrin Aldehyde	9.5	38		UD
58-89-9	Gamma-BHC	6.3	19		UD
76-44-8	Heptachlor	6.3	19		UD
1024-57-3	Heptachlor Epoxide	6.3	19		UD
72-43-5	Methoxychlor	6.3	19		UD
8001-35-2	Toxaphene	630	1900		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 022F2201

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 18:47

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.76	2.3		U
319-84-6	Alpha-BHC	0.76	2.3		U
319-85-7	Beta-BHC	0.76	2.3		U
72-54-8	4,4'-DDD	1.2	4.6	9.4	
72-55-9	4,4'-DDE	1.2	4.6	460	
50-29-3	4,4'-DDT	1.2	4.6		UJ2
319-86-8	Delta-BHC	0.76	2.3		U
60-57-1	Dieldrin	1.2	4.6		U
959-98-8	Endosulfan I	0.76	2.3		U
33213-65-9	Endosulfan II	1.2	4.6		U
1031-07-8	Endosulfan Sulfate	1.2	4.6		U
72-20-8	Endrin	1.2	4.6	1.4	IJ3J4
7421-93-4	Endrin Aldehyde	1.2	4.6		U
58-89-9	Gamma-BHC	0.76	2.3		U
76-44-8	Heptachlor	0.76	2.3		U
1024-57-3	Heptachlor Epoxide	0.76	2.3		U
72-43-5	Methoxychlor	0.76	2.3		U
8001-35-2	Toxaphene	76	230		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-03DL

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 018F1801

% Moisture: 71 decanted: (Y/N) N Date Sampled: 11/07/06 09:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 22:18

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	7.6	23		UD
319-84-6	Alpha-BHC	7.6	23		UD
319-85-7	Beta-BHC	7.6	23		UD
72-54-8	4,4'-DDD	12	46		UD
72-55-9	4,4'-DDE	12	46	350	D
50-29-3	4,4'-DDT	12	46		UD
319-86-8	Delta-BHC	7.6	23		UD
60-57-1	Dieldrin	12	46		UD
959-98-8	Endosulfan I	7.6	23		UD
33213-65-9	Endosulfan II	12	46		UD
1031-07-8	Endosulfan Sulfate	12	46		UD
72-20-8	Endrin	12	46		UD
7421-93-4	Endrin Aldehyde	12	46		UD
58-89-9	Gamma-BHC	7.6	23		UD
76-44-8	Heptachlor	7.6	23		UD
1024-57-3	Heptachlor Epoxide	7.6	23		UD
72-43-5	Methoxychlor	7.6	23		UD
8001-35-2	Toxaphene	760	2300		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 023F2301

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 19:15

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.78	2.4		U
319-84-6	Alpha-BHC	0.78	2.4		U
319-85-7	Beta-BHC	0.78	2.4		U
72-54-8	4,4'-DDD	1.2	4.8	16	
72-55-9	4,4'-DDE	1.2	4.8	600	L
50-29-3	4,4'-DDT	1.2	4.8	3.2	IJ2
319-86-8	Delta-BHC	0.78	2.4		U
60-57-1	Dieldrin	1.2	4.8		U
959-98-8	Endosulfan I	0.78	2.4		U
33213-65-9	Endosulfan II	1.2	4.8		U
1031-07-8	Endosulfan Sulfate	1.2	4.8		U
72-20-8	Endrin	1.2	4.8	4.5	IJ3
7421-93-4	Endrin Aldehyde	1.2	4.8	3.5	IJ3
58-89-9	Gamma-BHC	0.78	2.4		U
76-44-8	Heptachlor	0.78	2.4		U
1024-57-3	Heptachlor Epoxide	0.78	2.4		U
72-43-5	Methoxychlor	0.78	2.4		U
8001-35-2	Toxaphene	78	240		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-04-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-04DL

Sample wt/vol: 15.2 (g/mL) G Lab File ID: 019F1901

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/07/06 11:10

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 22:45

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	7.8	24		UD
319-84-6	Alpha-BHC	7.8	24		UD
319-85-7	Beta-BHC	7.8	24		UD
72-54-8	4,4'-DDD	12	48		UD
72-55-9	4,4'-DDE	12	48	450	D
50-29-3	4,4'-DDT	12	48		UD
319-86-8	Delta-BHC	7.8	24		UD
60-57-1	Dieldrin	12	48		UD
959-98-8	Endosulfan I	7.8	24		UD
33213-65-9	Endosulfan II	12	48		UD
1031-07-8	Endosulfan Sulfate	12	48		UD
72-20-8	Endrin	12	48		UD
7421-93-4	Endrin Aldehyde	12	48		UD
58-89-9	Gamma-BHC	7.8	24		UD
76-44-8	Heptachlor	7.8	24		UD
1024-57-3	Heptachlor Epoxide	7.8	24		UD
72-43-5	Methoxychlor	7.8	24		UD
8001-35-2	Toxaphene	780	2400		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 026F2601

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 20:37

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.63	1.9		U
319-84-6	Alpha-BHC	0.63	1.9		U
319-85-7	Beta-BHC	0.63	1.9		U
72-54-8	4,4'-DDD	0.96	3.8		U
72-55-9	4,4'-DDE	0.96	3.8	170	
50-29-3	4,4'-DDT	0.96	3.8		UJ2
319-86-8	Delta-BHC	0.63	1.9		U
60-57-1	Dieldrin	0.96	3.8		U
959-98-8	Endosulfan I	0.63	1.9		U
33213-65-9	Endosulfan II	0.96	3.8		U
1031-07-8	Endosulfan Sulfate	0.96	3.8		U
72-20-8	Endrin	0.96	3.8		U
7421-93-4	Endrin Aldehyde	0.96	3.8		U
58-89-9	Gamma-BHC	0.63	1.9		U
76-44-8	Heptachlor	0.63	1.9		U
1024-57-3	Heptachlor Epoxide	0.63	1.9		U
72-43-5	Methoxychlor	0.63	1.9		U
8001-35-2	Toxaphene	63	190		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-05-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-05DL

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 022F2201

% Moisture: 66 decanted: (Y/N) N Date Sampled: 11/07/06 11:46

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 00:08

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	6.3	19		UD
319-84-6	Alpha-BHC	6.3	19		UD
319-85-7	Beta-BHC	6.3	19		UD
72-54-8	4,4'-DDD	9.6	38		UD
72-55-9	4,4'-DDE	9.6	38	150	D
50-29-3	4,4'-DDT	9.6	38		UD
319-86-8	Delta-BHC	6.3	19		UD
60-57-1	Dieldrin	9.6	38		UD
959-98-8	Endosulfan I	6.3	19		UD
33213-65-9	Endosulfan II	9.6	38		UD
1031-07-8	Endosulfan Sulfate	9.6	38		UD
72-20-8	Endrin	9.6	38		UD
7421-93-4	Endrin Aldehyde	9.6	38		UD
58-89-9	Gamma-BHC	6.3	19		UD
76-44-8	Heptachlor	6.3	19		UD
1024-57-3	Heptachlor Epoxide	6.3	19		UD
72-43-5	Methoxychlor	6.3	19		UD
8001-35-2	Toxaphene	630	1900		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 027F2701

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 21:05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	0.68	2.1		U
319-84-6	Alpha-BHC	0.68	2.1		U
319-85-7	Beta-BHC	0.68	2.1		U
72-54-8	4,4'-DDD	1.0	4.1	12	
72-55-9	4,4'-DDE	1.0	4.1	560	L
50-29-3	4,4'-DDT	1.0	4.1	7.7	J3J2
319-86-8	Delta-BHC	0.68	2.1		U
60-57-1	Dieldrin	1.0	4.1		U
959-98-8	Endosulfan I	0.68	2.1		U
33213-65-9	Endosulfan II	1.0	4.1	2.0	IJ3
1031-07-8	Endosulfan Sulfate	1.0	4.1		U
72-20-8	Endrin	1.0	4.1	1.2	IJ3J4
7421-93-4	Endrin Aldehyde	1.0	4.1	2.6	IJ3
58-89-9	Gamma-BHC	0.68	2.1		U
76-44-8	Heptachlor	0.68	2.1		U
1024-57-3	Heptachlor Epoxide	0.68	2.1		U
72-43-5	Methoxychlor	0.68	2.1		U
8001-35-2	Toxaphene	68	210		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-06-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-06DL

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 023F2301

% Moisture: 69 decanted: (Y/N) N Date Sampled: 11/07/06 12:18

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 00:36

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	6.8	21		UD
319-84-6	Alpha-BHC	6.8	21		UD
319-85-7	Beta-BHC	6.8	21		UD
72-54-8	4,4'-DDD	10	41		UD
72-55-9	4,4'-DDE	10	41	470	D
50-29-3	4,4'-DDT	10	41		UD
319-86-8	Delta-BHC	6.8	21		UD
60-57-1	Dieldrin	10	41		UD
959-98-8	Endosulfan I	6.8	21		UD
33213-65-9	Endosulfan II	10	41		UD
1031-07-8	Endosulfan Sulfate	10	41		UD
72-20-8	Endrin	10	41		UD
7421-93-4	Endrin Aldehyde	10	41		UD
58-89-9	Gamma-BHC	6.8	21		UD
76-44-8	Heptachlor	6.8	21		UD
1024-57-3	Heptachlor Epoxide	6.8	21		UD
72-43-5	Methoxychlor	6.8	21		UD
8001-35-2	Toxaphene	680	2100		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 028F2801

% Moisture: 75 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 21:33

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	0.85	2.6		U
319-84-6	Alpha-BHC	0.85	2.6		U
319-85-7	Beta-BHC	0.85	2.6		U
72-54-8	4,4'-DDD	1.3	5.1	11	
72-55-9	4,4'-DDE	1.3	5.1	470	
50-29-3	4,4'-DDT	1.3	5.1	8.9	J3J2
319-86-8	Delta-BHC	0.85	2.6		U
60-57-1	Dieldrin	1.3	5.1		U
959-98-8	Endosulfan I	0.85	2.6		U
33213-65-9	Endosulfan II	1.3	5.1		U
1031-07-8	Endosulfan Sulfate	1.3	5.1		U
72-20-8	Endrin	1.3	5.1		U
7421-93-4	Endrin Aldehyde	1.3	5.1	2.4	I
58-89-9	Gamma-BHC	0.85	2.6		U
76-44-8	Heptachlor	0.85	2.6		U
1024-57-3	Heptachlor Epoxide	0.85	2.6		U
72-43-5	Methoxychlor	0.85	2.6		U
8001-35-2	Toxaphene	85	260		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-07DL

Sample wt/vol: 15.3 (g/mL) G Lab File ID: 024F2401

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:12

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 01:03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	8.8	27		UD
319-84-6	Alpha-BHC	8.8	27		UD
319-85-7	Beta-BHC	8.8	27		UD
72-54-8	4,4'-DDD	13	53		UD
72-55-9	4,4'-DDE	13	53	400	D
50-29-3	4,4'-DDT	13	53		UD
319-86-8	Delta-BHC	8.8	27		UD
60-57-1	Dieldrin	13	53		UD
959-98-8	Endosulfan I	8.8	27		UD
33213-65-9	Endosulfan II	13	53		UD
1031-07-8	Endosulfan Sulfate	13	53		UD
72-20-8	Endrin	13	53		UD
7421-93-4	Endrin Aldehyde	13	53		UD
58-89-9	Gamma-BHC	8.8	27		UD
76-44-8	Heptachlor	8.8	27		UD
1024-57-3	Heptachlor Epoxide	8.8	27		UD
72-43-5	Methoxychlor	8.8	27		UD
8001-35-2	Toxaphene	880	2700		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 029F2901

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 22:00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	1.1	3.4		U
319-84-6	Alpha-BHC	1.1	3.4		U
319-85-7	Beta-BHC	1.1	3.4		U
72-54-8	4,4'-DDD	1.7	6.7	15	
72-55-9	4,4'-DDE	1.7	6.7	620	
50-29-3	4,4'-DDT	1.7	6.7		UJ2
319-86-8	Delta-BHC	1.1	3.4		U
60-57-1	Dieldrin	1.7	6.7		U
959-98-8	Endosulfan I	1.1	3.4		U
33213-65-9	Endosulfan II	1.7	6.7		U
1031-07-8	Endosulfan Sulfate	1.7	6.7		U
72-20-8	Endrin	1.7	6.7	6.5	IJ3
7421-93-4	Endrin Aldehyde	1.7	6.7	4.4	I
58-89-9	Gamma-BHC	1.1	3.4		U
76-44-8	Heptachlor	1.1	3.4		U
1024-57-3	Heptachlor Epoxide	1.1	3.4		U
72-43-5	Methoxychlor	1.1	3.4		U
8001-35-2	Toxaphene	110	340		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-08-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-08DL

Sample wt/vol: 15.5 (g/mL) G Lab File ID: 025F2501

% Moisture: 81 decanted: (Y/N) N Date Sampled: 11/07/06 15:34

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 01:31

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	11	34		UD
319-84-6	Alpha-BHC	11	34		UD
319-85-7	Beta-BHC	11	34		UD
72-54-8	4,4'-DDD	17	67		UD
72-55-9	4,4'-DDE	17	67	460	D
50-29-3	4,4'-DDT	17	67		UD
319-86-8	Delta-BHC	11	34		UD
60-57-1	Dieldrin	17	67		UD
959-98-8	Endosulfan I	11	34		UD
33213-65-9	Endosulfan II	17	67		UD
1031-07-8	Endosulfan Sulfate	17	67		UD
72-20-8	Endrin	17	67		UD
7421-93-4	Endrin Aldehyde	17	67		UD
58-89-9	Gamma-BHC	11	34		UD
76-44-8	Heptachlor	11	34		UD
1024-57-3	Heptachlor Epoxide	11	34		UD
72-43-5	Methoxychlor	11	34		UD
8001-35-2	Toxaphene	1100	3400		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 030F3001

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 22:28

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.91	2.8		U
319-84-6	Alpha-BHC	0.91	2.8		U
319-85-7	Beta-BHC	0.91	2.8		U
72-54-8	4,4'-DDD	1.4	5.5	10	
72-55-9	4,4'-DDE	1.4	5.5	530	
50-29-3	4,4'-DDT	1.4	5.5	8.9	J3J2
319-86-8	Delta-BHC	0.91	2.8		U
60-57-1	Dieldrin	1.4	5.5		U
959-98-8	Endosulfan I	0.91	2.8		U
33213-65-9	Endosulfan II	1.4	5.5		U
1031-07-8	Endosulfan Sulfate	1.4	5.5		U
72-20-8	Endrin	1.4	5.5	5.8	J3
7421-93-4	Endrin Aldehyde	1.4	5.5		U
58-89-9	Gamma-BHC	0.91	2.8		U
76-44-8	Heptachlor	0.91	2.8		U
1024-57-3	Heptachlor Epoxide	0.91	2.8		U
72-43-5	Methoxychlor	0.91	2.8		U
8001-35-2	Toxaphene	91	280		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-09DL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 026F2601

% Moisture: 76 decanted: (Y/N) N Date Sampled: 11/07/06 15:56

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 01:59

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	9.1	28		UD
319-84-6	Alpha-BHC	9.1	28		UD
319-85-7	Beta-BHC	9.1	28		UD
72-54-8	4,4'-DDD	14	55		UD
72-55-9	4,4'-DDE	14	55	390	D
50-29-3	4,4'-DDT	14	55		UD
319-86-8	Delta-BHC	9.1	28		UD
60-57-1	Dieldrin	14	55		UD
959-98-8	Endosulfan I	9.1	28		UD
33213-65-9	Endosulfan II	14	55		UD
1031-07-8	Endosulfan Sulfate	14	55		UD
72-20-8	Endrin	14	55		UD
7421-93-4	Endrin Aldehyde	14	55		UD
58-89-9	Gamma-BHC	9.1	28		UD
76-44-8	Heptachlor	9.1	28		UD
1024-57-3	Heptachlor Epoxide	9.1	28		UD
72-43-5	Methoxychlor	9.1	28		UD
8001-35-2	Toxaphene	910	2800		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 032F3201

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/29/06 23:23

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.61	1.8		U
319-84-6	Alpha-BHC	0.61	1.8		U
319-85-7	Beta-BHC	0.61	1.8		U
72-54-8	4,4'-DDD	0.93	3.7	16	
72-55-9	4,4'-DDE	0.93	3.7	20	
50-29-3	4,4'-DDT	0.93	3.7		UJ2
319-86-8	Delta-BHC	0.61	1.8		U
60-57-1	Dieldrin	0.93	3.7		U
959-98-8	Endosulfan I	0.61	1.8		U
33213-65-9	Endosulfan II	0.93	3.7		U
1031-07-8	Endosulfan Sulfate	0.93	3.7		U
72-20-8	Endrin	0.93	3.7		U
7421-93-4	Endrin Aldehyde	0.93	3.7		U
58-89-9	Gamma-BHC	0.61	1.8		U
76-44-8	Heptachlor	0.61	1.8		U
1024-57-3	Heptachlor Epoxide	0.61	1.8		U
72-43-5	Methoxychlor	0.61	1.8		U
8001-35-2	Toxaphene	61	180		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-10-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-10DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 028F2801

% Moisture: 65 decanted: (Y/N) N Date Sampled: 11/07/06 16:24

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted: 11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 02:54

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	6.1	18		UD
319-84-6	Alpha-BHC	6.1	18		UD
319-85-7	Beta-BHC	6.1	18		UD
72-54-8	4,4'-DDD	9.3	37		UD
72-55-9	4,4'-DDE	9.3	37	18	ID
50-29-3	4,4'-DDT	9.3	37		UD
319-86-8	Delta-BHC	6.1	18		UD
60-57-1	Dieldrin	9.3	37		UD
959-98-8	Endosulfan I	6.1	18		UD
33213-65-9	Endosulfan II	9.3	37		UD
1031-07-8	Endosulfan Sulfate	9.3	37		UD
72-20-8	Endrin	9.3	37		UD
7421-93-4	Endrin Aldehyde	9.3	37		UD
58-89-9	Gamma-BHC	6.1	18		UD
76-44-8	Heptachlor	6.1	18		UD
1024-57-3	Heptachlor Epoxide	6.1	18		UD
72-43-5	Methoxychlor	6.1	18		UD
8001-35-2	Toxaphene	610	1800		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 035F3501

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 00:46

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	1.9	5.6		U
319-84-6	Alpha-BHC	1.9	5.6		U
319-85-7	Beta-BHC	1.9	5.6		U
72-54-8	4,4'-DDD	2.8	11		U
72-55-9	4,4'-DDE	2.8	11	470	
50-29-3	4,4'-DDT	2.8	11	3.4	IJ3J2J4
319-86-8	Delta-BHC	1.9	5.6		U
60-57-1	Dieldrin	2.8	11		U
959-98-8	Endosulfan I	1.9	5.6		U
33213-65-9	Endosulfan II	2.8	11		U
1031-07-8	Endosulfan Sulfate	2.8	11		U
72-20-8	Endrin	2.8	11		U
7421-93-4	Endrin Aldehyde	2.8	11		U
58-89-9	Gamma-BHC	1.9	5.6		U
76-44-8	Heptachlor	1.9	5.6		U
1024-57-3	Heptachlor Epoxide	1.9	5.6		U
72-43-5	Methoxychlor	1.9	5.6		U
8001-35-2	Toxaphene	190	560		U

D.H. 12.8.0

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-11-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-13DL

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 031F3101

% Moisture: 89 decanted: (Y/N) N Date Sampled: 11/08/06 08:31

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 04:17

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	19	56		UD
319-84-6	Alpha-BHC	19	56		UD
319-85-7	Beta-BHC	19	56		UD
72-54-8	4,4'-DDD	28	110	92	ID
72-55-9	4,4'-DDE	28	110	260	D
50-29-3	4,4'-DDT	28	110		UD
319-86-8	Delta-BHC	19	56		UD
60-57-1	Dieldrin	28	110		UD
959-98-8	Endosulfan I	19	56		UD
33213-65-9	Endosulfan II	28	110		UD
1031-07-8	Endosulfan Sulfate	28	110		UD
72-20-8	Endrin	28	110		UD
7421-93-4	Endrin Aldehyde	28	110		UD
58-89-9	Gamma-BHC	19	56		UD
76-44-8	Heptachlor	19	56		UD
1024-57-3	Heptachlor Epoxide	19	56		UD
72-43-5	Methoxychlor	19	56		UD
8001-35-2	Toxaphene	1900	5600		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 036F3601

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 01:14

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
309-00-2	Aldrin	1.0	3.1		U
319-84-6	Alpha-BHC	1.0	3.1		U
319-85-7	Beta-BHC	1.0	3.1		U
72-54-8	4,4'-DDD	1.5	6.2		U
72-55-9	4,4'-DDE	1.5	6.2	1100	L
50-29-3	4,4'-DDT	1.5	6.2	3.6	J3J2J4
319-86-8	Delta-BHC	1.0	3.1		U
60-57-1	Dieldrin	1.5	6.2		U
959-98-8	Endosulfan I	1.0	3.1		U
33213-65-9	Endosulfan II	1.5	6.2		U
1031-07-8	Endosulfan Sulfate	1.5	6.2		U
72-20-8	Endrin	1.5	6.2	6.3	J3
7421-93-4	Endrin Aldehyde	1.5	6.2	5.6	IJ3
58-89-9	Gamma-BHC	1.0	3.1		U
76-44-8	Heptachlor	1.0	3.1		U
1024-57-3	Heptachlor Epoxide	1.0	3.1		U
72-43-5	Methoxychlor	1.0	3.1		U
8001-35-2	Toxaphene	100	310		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-12-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-14DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 032F3201

% Moisture: 79 decanted: (Y/N) N Date Sampled: 11/08/06 08:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 04:45

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	10	31		UD
319-84-6	Alpha-BHC	10	31		UD
319-85-7	Beta-BHC	10	31		UD
72-54-8	4,4'-DDD	15	62	80	D
72-55-9	4,4'-DDE	15	62	880	D
50-29-3	4,4'-DDT	15	62		UD
319-86-8	Delta-BHC	10	31		UD
60-57-1	Dieldrin	15	62		UD
959-98-8	Endosulfan I	10	31		UD
33213-65-9	Endosulfan II	15	62		UD
1031-07-8	Endosulfan Sulfate	15	62		UD
72-20-8	Endrin	15	62		UD
7421-93-4	Endrin Aldehyde	15	62		UD
58-89-9	Gamma-BHC	10	31		UD
76-44-8	Heptachlor	10	31		UD
1024-57-3	Heptachlor Epoxide	10	31		UD
72-43-5	Methoxychlor	10	31		UD
8001-35-2	Toxaphene	1000	3100		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 037F3701

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 01:41

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.76	2.3		U
319-84-6	Alpha-BHC	0.76	2.3		U
319-85-7	Beta-BHC	0.76	2.3		U
72-54-8	4,4'-DDD	1.2	4.6	3600	L
72-55-9	4,4'-DDE	1.2	4.6	2300	J3L
50-29-3	4,4'-DDT	1.2	4.6	75	J2
319-86-8	Delta-BHC	0.76	2.3		U
60-57-1	Dieldrin	1.2	4.6	2.2	IJ3J4
959-98-8	Endosulfan I	0.76	2.3		U
33213-65-9	Endosulfan II	1.2	4.6		U
1031-07-8	Endosulfan Sulfate	1.2	4.6		U
72-20-8	Endrin	1.2	4.6		U
7421-93-4	Endrin Aldehyde	1.2	4.6		U
58-89-9	Gamma-BHC	0.76	2.3		U
76-44-8	Heptachlor	0.76	2.3		U
1024-57-3	Heptachlor Epoxide	0.76	2.3	3.0	J3J4
72-43-5	Methoxychlor	0.76	2.3		U
8001-35-2	Toxaphene	76	230		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SD-13-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-15DL

Sample wt/vol: 15.6 (g/mL) G Lab File ID: 033F3301

% Moisture: 72 decanted: (Y/N) N Date Sampled: 11/08/06 10:15

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 05:12

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	7.6	23		UD
319-84-6	Alpha-BHC	7.6	23		UD
319-85-7	Beta-BHC	7.6	23		UD
72-54-8	4,4'-DDD	12	46	2800	D
72-55-9	4,4'-DDE	12	46	2000	J3D
50-29-3	4,4'-DDT	12	46	58	D
319-86-8	Delta-BHC	7.6	23		UD
60-57-1	Dieldrin	12	46		UD
959-98-8	Endosulfan I	7.6	23		UD
33213-65-9	Endosulfan II	12	46		UD
1031-07-8	Endosulfan Sulfate	12	46		UD
72-20-8	Endrin	12	46		UD
7421-93-4	Endrin Aldehyde	12	46		UD
58-89-9	Gamma-BHC	7.6	23		UD
76-44-8	Heptachlor	7.6	23		UD
1024-57-3	Heptachlor Epoxide	7.6	23		UD
72-43-5	Methoxychlor	7.6	23		UD
8001-35-2	Toxaphene	760	2300		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 038F3801

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 02:09

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.54	1.6		U
319-84-6	Alpha-BHC	0.54	1.6		U
319-85-7	Beta-BHC	0.54	1.6		U
72-54-8	4,4'-DDD	0.82	3.3		U
72-55-9	4,4'-DDE	0.82	3.3		U
50-29-3	4,4'-DDT	0.82	3.3		UJ2
319-86-8	Delta-BHC	0.54	1.6		U
60-57-1	Dieldrin	0.82	3.3		U
959-98-8	Endosulfan I	0.54	1.6		U
33213-65-9	Endosulfan II	0.82	3.3		U
1031-07-8	Endosulfan Sulfate	0.82	3.3		U
72-20-8	Endrin	0.82	3.3		U
7421-93-4	Endrin Aldehyde	0.82	3.3		U
58-89-9	Gamma-BHC	0.54	1.6		U
76-44-8	Heptachlor	0.54	1.6		U
1024-57-3	Heptachlor Epoxide	0.54	1.6		U
72-43-5	Methoxychlor	0.54	1.6		U
8001-35-2	Toxaphene	54	160		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-06-00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-16DL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: 034F3401

% Moisture: 60 decanted: (Y/N) N Date Sampled: 11/08/06 11:45

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 05:40

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
309-00-2	Aldrin	5.4	16		UD
319-84-6	Alpha-BHC	5.4	16		UD
319-85-7	Beta-BHC	5.4	16		UD
72-54-8	4,4'-DDD	8.2	33		UD
72-55-9	4,4'-DDE	8.2	33		UD
50-29-3	4,4'-DDT	8.2	33		UD
319-86-8	Delta-BHC	5.4	16		UD
60-57-1	Dieldrin	8.2	33		UD
959-98-8	Endosulfan I	5.4	16		UD
33213-65-9	Endosulfan II	8.2	33		UD
1031-07-8	Endosulfan Sulfate	8.2	33		UD
72-20-8	Endrin	8.2	33		UD
7421-93-4	Endrin Aldehyde	8.2	33		UD
58-89-9	Gamma-BHC	5.4	16		UD
76-44-8	Heptachlor	5.4	16		UD
1024-57-3	Heptachlor Epoxide	5.4	16		UD
72-43-5	Methoxychlor	5.4	16		UD
8001-35-2	Toxaphene	540	1600		UD

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 039F3901

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/30/06 02:36

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.45	1.4		U
319-84-6	Alpha-BHC	0.45	1.4		U
319-85-7	Beta-BHC	0.45	1.4		U
72-54-8	4,4'-DDD	0.69	2.7		U
72-55-9	4,4'-DDE	0.69	2.7		U
50-29-3	4,4'-DDT	0.69	2.7		UJ2
319-86-8	Delta-BHC	0.45	1.4		U
60-57-1	Dieldrin	0.69	2.7		U
959-98-8	Endosulfan I	0.45	1.4		U
33213-65-9	Endosulfan II	0.69	2.7		U
1031-07-8	Endosulfan Sulfate	0.69	2.7		U
72-20-8	Endrin	0.69	2.7		U
7421-93-4	Endrin Aldehyde	0.69	2.7		U
58-89-9	Gamma-BHC	0.45	1.4		U
76-44-8	Heptachlor	0.45	1.4		U
1024-57-3	Heptachlor Epoxide	0.45	1.4		U
72-43-5	Methoxychlor	0.45	1.4		U
8001-35-2	Toxaphene	45	140		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SD-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: 0611108-17DL

Sample wt/vol: 15.7 (g/mL) G Lab File ID: 035F3501

% Moisture: 54 decanted: (Y/N) N Date Sampled: 11/08/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/03/06 06:07

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	4.5	14		UD
319-84-6	Alpha-BHC	4.5	14		UD
319-85-7	Beta-BHC	4.5	14		UD
72-54-8	4,4'-DDD	6.9	27		UD
72-55-9	4,4'-DDE	6.9	27		UD
50-29-3	4,4'-DDT	6.9	27		UD
319-86-8	Delta-BHC	4.5	14		UD
60-57-1	Dieldrin	6.9	27		UD
959-98-8	Endosulfan I	4.5	14		UD
33213-65-9	Endosulfan II	6.9	27		UD
1031-07-8	Endosulfan Sulfate	6.9	27		UD
72-20-8	Endrin	6.9	27		UD
7421-93-4	Endrin Aldehyde	6.9	27		UD
58-89-9	Gamma-BHC	4.5	14		UD
76-44-8	Heptachlor	4.5	14		UD
1024-57-3	Heptachlor Epoxide	4.5	14		UD
72-43-5	Methoxychlor	4.5	14		UD
8001-35-2	Toxaphene	450	1400		UD

APPENDIX C

SUPPORT DOCUMENTATION

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
M	MG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/28/2006	11/29/2006	21	1	22
M	MG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/28/2006	12/5/2006	21	7	28
OS	%	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	%	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	%	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	%	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	%	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	%	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	%	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	UG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
OS	UG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/21/2006	12/4/2006	12	13	25
OS	UG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	UG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/21/2006	12/3/2006	14	12	26
OS	UG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/21/2006	12/4/2006	14	13	27
OS	UG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/21/2006	12/4/2006	13	13	26
PEST	%	S2-SD-10-00-1106DL	0611108-10DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-09-00-1106DL	0611108-09DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-08-00-1106DL	0611108-08DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-07-00-1106DL	0611108-07DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-11-00-1106DL	0611108-13DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-12-00-1106DL	0611108-14DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S2-SD-13-00-1106DL	0611108-15DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S5-SD-06-00-1106DL	0611108-16DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-06-00-1106DL	0611108-06DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S5-SD-07-00-1106DL	0611108-17DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S1-SD-10-00-1106DL	0611108-11DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/29/2006	11/29/2006	21	0	21
PEST	%	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	%	S1-SD-11-00-1106DL	0611108-12DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	%	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	%	S1-SD-12-00-1106DL	0611108-22DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	%	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	%	S1-SD-13-00-1106DL	0611108-23DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	%	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-04-00-1106DL	0611108-04DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-01-00-1106DL	0611108-01DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-02-00-1106DL	0611108-02DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-03-00-1106DL	0611108-03DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	%	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	%	S2-SD-05-00-1106DL	0611108-05DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	%	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-10-00-1106DL	0611108-10DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-10-00-1106	0611108-10	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-09-00-1106DL	0611108-09DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-09-00-1106	0611108-09	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-08-00-1106DL	0611108-08DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-07-00-1106DL	0611108-07DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-12-00-1106DL	0611108-14DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S2-SD-07-00-1106	0611108-07	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-08-00-1106	0611108-08	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-11-00-1106	0611108-13	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S5-SD-06-00-1106DL	0611108-16DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SD-12-00-1106	0611108-14	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S5-SD-07-00-1106	0611108-17	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-13-00-1106	0611108-15	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-13-00-1106DL	0611108-15DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S5-SD-06-00-1106	0611108-16	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S2-SD-06-00-1106DL	0611108-06DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S2-SD-01-00-1106	0611108-01	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-11-00-1106DL	0611108-13DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S2-SD-01-00-1106DL	0611108-01DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S5-SD-07-00-1106DL	0611108-17DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-10-00-1106	0611108-11	NM	11/8/2006	11/29/2006	11/29/2006	21	0	21
PEST	UG/KG	S1-SD-10-00-1106DL	0611108-11DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-11-00-1106	0611108-12	NM	11/8/2006	11/30/2006	11/30/2006	22	0	22
PEST	UG/KG	S1-SD-11-00-1106DL	0611108-12DL	NM	11/8/2006	12/3/2006	12/3/2006	25	0	25
PEST	UG/KG	S1-SD-12-00-1106	0611108-22	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21
PEST	UG/KG	S1-SD-12-00-1106DL	0611108-22DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24
PEST	UG/KG	S2-SD-02-00-1106	0611108-02	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S1-SD-13-00-1106DL	0611108-23DL	NM	11/9/2006	12/3/2006	12/3/2006	24	0	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	S2-SD-06-00-1106	0611108-06	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-02-00-1106DL	0611108-02DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-03-00-1106	0611108-03	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-03-00-1106DL	0611108-03DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-04-00-1106	0611108-04	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-04-00-1106DL	0611108-04DL	NM	11/7/2006	12/2/2006	12/2/2006	25	0	25
PEST	UG/KG	S2-SD-05-00-1106	0611108-05	NM	11/7/2006	11/29/2006	11/29/2006	22	0	22
PEST	UG/KG	S2-SD-05-00-1106DL	0611108-05DL	NM	11/7/2006	12/3/2006	12/3/2006	26	0	26
PEST	UG/KG	S1-SD-13-00-1106	0611108-23	NM	11/9/2006	11/30/2006	11/30/2006	21	0	21

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 04
Work Order: 0611108

Date Sampled	Date Received	Lab ID	Client ID
11/07/06	11/10/06	0611108-01	S2-SD-01-00-1106
11/07/06	11/10/06	0611108-02	S2-SD-02-00-1106
11/07/06	11/10/06	0611108-03	S2-SD-03-00-1106
11/07/06	11/10/06	0611108-04	S2-SD-04-00-1106
11/07/06	11/10/06	0611108-05	S2-SD-05-00-1106
11/07/06	11/10/06	0611108-06	S2-SD-06-00-1106
11/07/06	11/10/06	0611108-07	S2-SD-07-00-1106
11/07/06	11/10/06	0611108-08	S2-SD-08-00-1106
11/07/06	11/10/06	0611108-09	S2-SD-09-00-1106
11/07/06	11/10/06	0611108-10	S2-SD-10-00-1106
11/08/06	11/10/06	0611108-11	S1-SD-10-00-1106
11/08/06	11/10/06	0611108-12	S1-SD-11-00-1106
11/08/06	11/10/06	0611108-13	S2-SD-11-00-1106
11/08/06	11/10/06	0611108-14	S2-SD-12-00-1106
11/08/06	11/10/06	0611108-15	S2-SD-13-00-1106
11/08/06	11/10/06	0611108-16	S5-SD-06-00-1106
11/08/06	11/10/06	0611108-17	S5-SD-07-00-1106
11/09/06	11/10/06	0611108-22	S1-SD-12-00-1106
11/09/06	11/10/06	0611108-23	S1-SD-13-00-1106

Semivolatile Samples

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 3541/8270C (soxtherm extraction followed by capillary column GC/MS) for soils upon receipt to the laboratory in satisfactory condition.

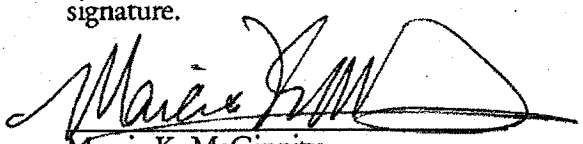
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: Samples were analyzed/reported for appendix IX and TCL list combined. Analytes not listed in the SOW were included after discussion with the project chemist.
- In spike sample SBLK1119BS1LCS, recovery of acetophenone exceeded the established limit on the high side and benzoic acid was not recovered. All other recoveries were within limits.
- In spike samples S2-SD-04-00-1106MS/MSD, 6 of 138 recoveries were outside the established limits. All relative percent differences were within limits. See form 3. This is attributed to the sample matrix.
- Recovery of the surrogate d14-terphenyl exceeded the limit of 110% at 123% in spike

sample S2-SD-04-00-1106MS. All other surrogate recoveries were within limits.

- Area counts for the internal standard d12-perylene were less than 50% but greater than 25% of that found in the associated calibration verification standard in samples S2-SD-03-00-1106, S2-SD-04-00-1106/MS/MSD, S2-SD-09-00-1106, S1-SD-11-00-1106, S2-SD-12-00-1106, S2-SD-13-00-1106 and S1-SD-13-00-1106. Area counts for the internal standard d12-chyrsene were also less than 50% but greater than 25% in samples S2-SD-03-00-1106 and S2-SD-04-00-1106/MS. This is attributed to the sample matrix. An internal standard association sheet is attached for analyte associations.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.



Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The associated numerical value is an estimated quantity. There is greater than a 40% difference between the two GC columns for the detected concentrations. The higher of the two values is reported unless matrix interference is obvious.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1192006-2

Project No:	Facility:	Project Manager:	Carrier:	Laboratory Name:
112G00486	**KEY WEST NAS**	**Chuck Bryan**	**Federal Express**	**Empirical Laboratories** **227 French Landing Drive, Suite 550** **Nashville, TN 37228**
Task No:	Turn Around Time:	Field Ops Leader:	Carrier/Waybill No.	Point of Contact:
CTO 0044	**Standard**	**Gary Braganza**		**Marcia McGinnity** **(615) 345-1119 x232**

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
											061108-:
11/07/2006	S2-SD-01-00-1106	08:35	SW-846 6020	S2-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-01-00-1106	08:35	SW-846 8081 / 8270C	S2-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-02-00-1106	08:56	SW-846 6020	S2-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-02-00-1106	08:56	SW-846 8081 / 8270C	S2-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	SW-846 6020	S2-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	SW-846 8081 / 8270C	S2-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-04-00-1106	11:10	SW-846 6020	S2-SW/SD-04	SD	TAL Metals + Tin	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-04-00-1106	11:10	SW-846 8081 / 8270C	S2-SW/SD-04	SD	Pesticides / SVOCs	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	SW-846 6020	S2-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	SW-846 8081 / 8270C	S2-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-06-00-1106	12:18	SW-846 6020	S2-SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-06-00-1106	12:18	SW-846 8081 / 8270C	S2-SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	SW-846 6020	S2-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	SW-846 8081 / 8270C	S2-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	SW-846 6020	S2-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	SW-846 8081 / 8270C	S2-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	SW-846 6020	S2-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	SW-846 8081 / 8270C	S2-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available

02
03
04
05
06
07
08
09

11/07/2006	S2-SD-10-00-1106	16:24	SW-846 6020	S2-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/07/2006	S2-SD-10-00-1106	16:24	SW-846 8081 / 8270C	S2-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 6020	S2-SW/SD-01	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-01	SW	Pesticides / SVOCs	4°C	2	Glass	1L Amber	Run and report Salinity on sample. 2 of 3 bottles collected	
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 6020	S2-SW/SD-02	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 8081 / 8270C	S2-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 6020	S2-SW/SD-03	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 8081 / 8270C	S2-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 6020	S2-SW/SD-04	SW	TAL Metals + Tin	4° C/HNO3	3	Plastic	500ml PE	Do MS/MSD	
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 8081 / 8270C	S2-SW/SD-04	SW	Pesticides / SVOCs	4°C	9	Glass	1L Amber	Do MS/MSD	
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 6020	S2-SW/SD-05	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 8081 / 8270C	S2-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 6020	S2-SW-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 8081 / 8270C	S2-SW-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 6020	S2-SW/SD-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 8081 / 8270C	S2-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 6020	S2-SW/SD-08	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 8081 / 8270C	S2-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 6020	S2-SW-09	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 8081 / 8270C	S2-SW-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 6020	S2-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 8081 / 8270C	S2-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 6020	S1-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 8081 / 8270C	S1-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 6020	S1-SW/SD-11	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 8081 / 8270C	S1-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 6020	S1-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 8081 / 8270C	S1-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 6020	S1-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 8081 / 8270C	S1-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		

	1106			11						cap		061108-
11/08/2006	S2-SD-11-00-1106	08:31	SW-846 8081 / 8270C	S2-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available	15
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 6020	S2-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	14
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 8081 / 8270C	S2-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 6020	S2-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	15
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 8081 / 8270C	S2-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 6020	S2-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-13
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 6020	S2-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		14
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 8081 / 8270C	S2-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Run and report Salinity on sample	
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 6020	S2-SW/SD-13	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		15
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 8081 / 8270C	S2-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 6020	S5-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-16
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 8081 / 8270C	S5-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 6020	S5-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	17
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SS-01-00-1106	14:52	SW-846 6010B	S5-SS-01	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		18
11/08/2006	S5-SS-02-00-1106	14:57	SW-846 6010B	S5-SS-02	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		19
11/08/2006	S5-SS-03-00-1106	14:59	SW-846 6010B	S5-SS-03	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		20
11/08/2006	S5-SS-04-00-1106	15:02	SW-846 6010B	S5-SS-04	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		21
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 6020	S5-SW/SD-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-16
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 8081 / 8270C	S5-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S5-SW-07-00-1106	11:58	SW-846 6020	S5-SW-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		17
11/08/2006	S5-SW-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 6020	S1-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-22
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 8081 / 8270C	S1-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 6020	S1-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	23
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 8081 / 8270C	S1-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 6020	S1-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-18
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 8081 / 8270C	S1-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/09/2006	S1-SW-13-00-	08:18	SW-846 6020	S1-SW/SD-	SW	TAL Metals + Tin	4°	1	Plastic	500ml PE		19

11/09/2006	S1-SW-13-00-1106	08:16	**SW-846 8081 / 8270C**	S1-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	061109-19
11/09/2006	S4-SD-01-00-1106	09:32	**SW-846 6010B***	S4-SD-01	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	061108-24
11/09/2006	S4-SD-02-00-1106	09:49	**SW-846 6010B***	S4-SD-02	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	25
11/09/2006	S4-SD-03-00-1106	09:55	**SW-846 6010B***	S4-SD-03	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	26
11/09/2006	S4-SD-04-00-1106	10:05	**SW-846 6010B***	S4-SD-04	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	27
11/09/2006	S4-SS-101-00-1106	10:34	**SW-846 6010B****	S4-SS-101	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	28
11/09/2006	S4-SS-102-00-1106	10:39	**SW-846 6010B****	S4-SS-102	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	29
11/09/2006	S4-SS-103-00-1106	10:43	**SW-846 6010B****	S4-SS-103	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	30
11/09/2006	S4-SS-104-00-1106	10:47	**SW-846 6010B****	S4-SS-104	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	31
11/09/2006	S4-SS-105-00-1106	10:50	**SW-846 6010B****	S4-SS-105	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	32
11/09/2006	S4-SS-106-00-1106	10:54	**SW-846 6010B****	S4-SS-106	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	33
11/09/2006	S4-SW-01-00-1106	13:50	**SW-846 6010B**	S4-SW-01	SW	Antimony	4°C	1	Plastic	250ml PE	061109-20
11/09/2006	S4-SW-02-00-1106	14:02	**SW-846 6010B**	S4-SW-02	SW	Antimony	4°C	1	Plastic	250ml PE	21
11/09/2006	S4-SW-03-00-1106	14:15	**SW-846 6010B**	S4-SW-03	SW	Antimony	4°C	1	Plastic	250ml PE	22
11/09/2006	S4-SW-04-00-1106	14:25	**SW-846 6010B**	S4-SW-04	SW	Antimony	4°C	1	Plastic	250ml PE	23

1. Relinquished By: **John Wright**	Date: 11/09/2006	Time: 17:30	Received By: **Federal Express**	Date: 11/09/2006	Time: 17:30
2. Relinquished By:	Date:	Time:	Received By:	Date: 11-10-06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 2.5

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
Acenaphthene	11950	0.0000	7351	62	45-110
Acenaphthylene	11950	0.0000	8338	70	50-105
Acetophenone	11950	0.0000	14140	118*	35-110
Aniline	11950	0.0000	7714	64	10-110
Anthracene	11950	0.0000	9893	83	55-105
Benzoic acid	11950	0.0000	2136	18	10-110
Benzo(a)anthracene	11950	0.0000	9145	76	60-110
Benzo(b)fluoranthene	11950	0.0000	9102	76	55-115
Benzo(k)fluoranthene	11950	0.0000	8415	70	55-110
Benzo(g,h,i)perylene	11950	0.0000	7723	65	35-135
Benzo(a)pyrene	11950	0.0000	9539	80	60-120
Benzyl alcohol	11950	0.0000	7884	66	10-110
bis(2-Chloroethoxy)meth	11950	0.0000	7083	59	35-110
bis(2-Chloroethyl)ether	11950	0.0000	6834	57	25-110
bis(2-Chloroisopropyl)e	11950	0.0000	6910	58	20-110
Bis(2-ethylhexyl)phthal	11950	0.0000	11490	96	60-115
4-Bromophenyl-phenyleth	11950	0.0000	8729	73	45-110
Butylbenzylphthalate	11950	0.0000	13510	113	60-115
4-Chloroaniline	11950	0.0000	7193	60	25-120
4-Chloro-3-methylphenol	11950	0.0000	10260	86	40-105
2-Chloronaphthalene	11950	0.0000	7069	59	45-110
2-Chlorophenol	11950	0.0000	7693	64	35-110
4-Chlorophenyl-phenylet	11950	0.0000	7903	66	40-105
Chrysene	11950	0.0000	8864	74	55-105
Dibenz(a,h)anthracene	11950	0.0000	8442	71	40-130
Dibenzofuran	11950	0.0000	7386	62	50-110
3,3'-Dichlorobenzidine	11950	0.0000	7091	59	50-140
1,4-Dichlorobenzene	11950	0.0000	5193	43	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	11950	0.0000	6216	52	30-110
1,3-Dichlorobenzene	11950	0.0000	5378	45	25-110
2,4-Dichlorophenol	11950	0.0000	8928	75	40-110
Diethylphthalate	11950	0.0000	9518	80	55-110
2,4-Dimethylphenol	11950	0.0000	8624	72	35-110
Dimethylphthalate	11950	0.0000	8794	74	50-110
Di-n-butylphthalate	11950	0.0000	10280	86	60-105
4,6-Dinitro-2-methylphe	11950	0.0000	5935	50	10-130
2,4-Dinitrophenol	11950	0.0000	3689	31	10-105
2,4-Dinitrotoluene	11950	0.0000	9246	77	50-105
2,6-Dinitrotoluene	11950	0.0000	8902	74	55-105
Di-n-octylphthalate	11950	0.0000	13880	116	50-125
Fluoranthene	11950	0.0000	7385	62	55-110
Fluorene	11950	0.0000	8470	71	50-105
Hexachlorobenzene	11950	0.0000	9819	82	55-105
Hexachlorobutadiene	11950	0.0000	5783	48	30-110
Hexachlorocyclopentadie	11950	0.0000	0.0000	0*	10-110
Hexachloroethane	11950	0.0000	2493	21*	25-110
Indeno(1,2,3-cd)pyrene	11950	0.0000	8552	72	40-130
Isophorone	11950	0.0000	6883	58	35-110
2-Methylnaphthalene	11950	0.0000	6553	55	40-110
4-Methylphenol	11950	0.0000	9464	79	40-105
Naphthalene	11950	0.0000	6370	53	30-110
2-Methylphenol	11950	0.0000	8818	74	35-110
2-Nitroaniline	11950	0.0000	9636	81	45-120
3-Nitroaniline	11950	0.0000	11390	95	50-130
4-Nitroaniline	11950	0.0000	14690	123	25-175
Nitrobenzene	11950	0.0000	7626	64	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	MS CONCENTRATION (UG/KG)	MS % REC #	QC. LIMITS REC.
2-Nitrophenol	11950	0.0000	7391	62	35-110
4-Nitrophenol	11950	0.0000	9750	82	40-125
N-Nitroso-di-methylamin	11950	0.0000	5933	50	10-110
N-Nitrosodiphenylamine	11950	0.0000	11510	96	55-110
N-Nitroso-di-n-prop. (1)	11950	0.0000	7251	61	30-110
Pentachlorophenol	11950	0.0000	6817	57	35-125
Phenanthrene	11950	0.0000	10160	85	55-105
Phenol	11950	0.0000	7559	63	30-110
Pyrene	11950	0.0000	13540	113	55-115
Pyridine	11950	0.0000	3981	33	10-110
1,2,4-Trichlorobenzene	11950	0.0000	5959	50	30-110
2,4,5-Trichlorophenol	11950	0.0000	10390	87	50-105
2,4,6-Trichlorophenol	11950	0.0000	10030	84	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	11950	8176	68	11	50	45-110
Acenaphthylene	11950	9272	78	11	50	50-105
Acetophenone	11950	13810	116*	2	50	35-110
Aniline	11950	6456	54	18	50	10-110
Anthracene	11950	10400	87	5	50	55-105
Benzoic acid	11950	1766	15	19	50	10-110
Benzo(a)anthracene	11950	10030	84	9	50	60-110
Benzo(b)fluoranthene	11950	10450	87	14	50	55-115
Benzo(k)fluoranthene	11950	10880	91	26	50	55-110
Benzo(g,h,i)perylene	11950	9792	82	24	50	35-135
Benzo(a)pyrene	11950	11460	96	18	50	60-120
Benzyl alcohol	11950	7097	59	10	50	10-110
bis(2-Chloroethoxy)meth	11950	7175	60	1	50	35-110
bis(2-Chloroethyl)ether	11950	6553	55	4	50	25-110
bis(2-Chloroisopropyl)e	11950	6776	57	2	50	20-110
Bis(2-ethylhexyl)phthal	11950	12030	101	4	50	60-115
4-Bromophenyl-phenyleth	11950	9069	76	4	50	45-110
Butylbenzylphthalate	11950	12350	103	9	50	60-115
4-Chloroaniline	11950	7187	60	0	50	25-120
4-Chloro-3-methylphenol	11950	10960	92	6	50	40-105
2-Chloronaphthalene	11950	7568	63	7	50	45-110
2-Chlorophenol	11950	7651	64	0	50	35-110
4-Chlorophenyl-phenylet	11950	9559	80	19	50	40-105
Chrysene	11950	9823	82	10	50	55-105
Dibenz(a,h)anthracene	11950	11270	94	29	50	40-130
Dibenzofuran	11950	8424	70	13	50	50-110
3,3'-Dichlorobenzidine	11950	7556	63	6	50	50-140
1,4-Dichlorobenzene	11950	5540	46	6	50	25-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dichlorobenzene	11950	5780	48	7	50	30-110
1,3-Dichlorobenzene	11950	5161	43	4	50	25-110
2,4-Dichlorophenol	11950	9519	80	6	50	40-110
Diethylphthalate	11950	10760	90	12	50	55-110
2,4-Dimethylphenol	11950	9097	76	5	50	35-110
Dimethylphthalate	11950	8799	74	0	50	50-110
Di-n-butylphthalate	11950	10030	84	2	50	60-105
4,6-Dinitro-2-methylphe	11950	5596	47	6	50	10-130
2,4-Dinitrophenol	11950	3640	30	1	50	10-105
2,4-Dinitrotoluene	11950	9353	78	1	50	50-105
2,6-Dinitrotoluene	11950	8865	74	0	50	55-105
Di-n-octylphthalate	11950	13980	117	1	50	50-125
Fluoranthene	11950	7777	65	5	50	55-110
Fluorene	11950	9690	81	13	50	50-105
Hexachlorobenzene	11950	10030	84	2	50	55-105
Hexachlorobutadiene	11950	6741	56	15	50	30-110
Hexachlorocyclopentadie	11950	0.0000	0*		50	10-110
Hexachloroethane	11950	2372	20*	5	50	25-110
Indeno(1,2,3-cd)pyrene	11950	11420	96	29	50	40-130
Isophorone	11950	7337	61	6	50	35-110
2-Methylnaphthalene	11950	7904	66	19	50	40-110
4-Methylphenol	11950	8556	72	10	50	40-105
Naphthalene	11950	6944	58	9	50	30-110
2-Methylphenol	11950	8080	68	9	50	35-110
2-Nitroaniline	11950	9733	81	1	50	45-120
3-Nitroaniline	11950	11120	93	2	50	50-130
4-Nitroaniline	11950	14240	119	3	50	25-175
Nitrobenzene	11950	7612	64	0	50	30-110

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: S2-SD-04-00-1106 Lab Sample ID: 0611108-04

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	MSD CONCENTRATION (UG/KG)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2-Nitrophenol	11950	7182	60	3	50	35-110
4-Nitrophenol	11950	10190	85	4	50	40-125
N-Nitroso-di-methylamin	11950	5384	45	10	50	10-110
N-Nitrosodiphenylamine	11950	11820	99	3	50	55-110
N-Nitroso-di-n-prop.(1)	11950	7139	60	2	50	30-110
Pentachlorophenol	11950	5807	48	16	50	35-125
Phenanthrene	11950	9393	79	8	50	55-105
Phenol	11950	6977	58	8	50	30-110
Pyrene	11950	13230	111	2	50	55-115
Pyridine	11950	3315	28	18	50	10-110
1,2,4-Trichlorobenzene	11950	6253	52	5	50	30-110
2,4,5-Trichlorophenol	11950	10610	89	2	50	50-105
2,4,6-Trichlorophenol	11950	10020	84	0	50	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 69 outside limits
Spike Recovery: 6 out of 138 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: SBLK1119BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	LCS CONCENTRATION (UG/KG)	LCS % REC #	QC. LIMITS REC.
Acenaphthene	3333	0.0000	2510	75	45-110
Acenaphthylene	3333	0.0000	2961	89	50-105
Acetophenone	3333	0.0000	4915	147*	35-110
Aniline	3333	0.0000	2690	81	10-110
Anthracene	3333	0.0000	2927	88	55-105
Benzoic acid	3333	0.0000	0.0000	0*	10-110
Benzo(a)anthracene	3333	0.0000	2921	88	60-110
Benzo(b)fluoranthene	3333	0.0000	3064	92	55-115
Benzo(k)fluoranthene	3333	0.0000	3111	93	55-110
Benzo(g,h,i)perylene	3333	0.0000	2693	81	35-135
Benzo(a)pyrene	3333	0.0000	3219	96	60-120
Benzyl alcohol	3333	0.0000	2727	82	10-110
bis(2-Chloroethoxy)meth	3333	0.0000	2670	80	35-110
bis(2-Chloroethyl)ether	3333	0.0000	2038	61	25-110
bis(2-Chloroisopropyl)e	3333	0.0000	2156	65	20-110
Bis(2-ethylhexyl)phthal	3333	0.0000	2832	85	60-115
4-Bromophenyl-phenyleth	3333	0.0000	2388	72	45-110
Butylbenzylphthalate	3333	0.0000	3045	91	60-115
4-Chloroaniline	3333	0.0000	2787	84	25-120
4-Chloro-3-methylphenol	3333	0.0000	3172	95	40-105
2-Chloronaphthalene	3333	0.0000	2472	74	45-110
2-Chlorophenol	3333	0.0000	2530	76	35-110
4-Chlorophenyl-phenylet	3333	0.0000	2574	77	40-105
Chrysene	3333	0.0000	3092	93	55-105
Dibenz(a,h)anthracene	3333	0.0000	2688	81	40-130
Dibenzofuran	3333	0.0000	2356	71	50-110
3,3'-Dichlorobenzidine	3333	0.0000	3223	97	50-140
1,4-Dichlorobenzene	3333	0.0000	1935	58	25-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: SBLK1119BS1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	LCS CONCENTRATION (UG/KG)	LCS % REC #	QC. LIMITS REC.
1,2-Dichlorobenzene	3333	0.0000	2231	67	30-110
1,3-Dichlorobenzene	3333	0.0000	1999	60	25-110
2,4-Dichlorophenol	3333	0.0000	2872	86	40-110
Diethylphthalate	3333	0.0000	3038	91	55-110
2,4-Dimethylphenol	3333	0.0000	2591	78	35-110
Dimethylphthalate	3333	0.0000	2811	84	50-110
Di-n-butylphthalate	3333	0.0000	3266	98	60-105
4,6-Dinitro-2-methylphe	3333	0.0000	1657	50	10-130
2,4-Dinitrophenol	3333	0.0000	1036	31	10-105
2,4-Dinitrotoluene	3333	0.0000	2953	88	50-105
2,6-Dinitrotoluene	3333	0.0000	2784	84	55-105
Di-n-octylphthalate	3333	0.0000	3302	99	50-125
Fluoranthene	3333	0.0000	2957	89	55-110
Fluorene	3333	0.0000	2586	78	50-105
Hexachlorobenzene	3333	0.0000	2751	82	55-105
Hexachlorobutadiene	3333	0.0000	2418	72	30-110
Hexachlorocyclopentadie	3333	0.0000	2146	64	10-110
Hexachloroethane	3333	0.0000	1934	58	25-110
Indeno(1,2,3-cd)pyrene	3333	0.0000	2876	86	40-130
Isophorone	3333	0.0000	2548	76	35-110
2-Methylnaphthalene	3333	0.0000	2477	74	40-110
4-Methylphenol	3333	0.0000	2616	78	40-105
Naphthalene	3333	0.0000	2304	69	30-110
2-Methylphenol	3333	0.0000	2461	74	35-110
2-Nitroaniline	3333	0.0000	2712	81	45-120
3-Nitroaniline	3333	0.0000	3564	107	50-130
4-Nitroaniline	3333	0.0000	4519	136	25-175
Nitrobenzene	3333	0.0000	2426	73	30-110

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix Spike - Client Sample No.: SBLK1119BS1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	LCS CONCENTRATION (UG/KG)	LCS % REC #	QC. LIMITS REC.
2-Nitrophenol	3333	0.0000	2759	83	35-110
4-Nitrophenol	3333	0.0000	3124	94	40-125
N-Nitroso-di-methylamin	3333	0.0000	1941	58	10-110
N-Nitrosodiphenylamine	3333	0.0000	2890	87	55-110
N-Nitroso-di-n-prop.(1)	3333	0.0000	2334	70	30-110
Pentachlorophenol	3333	0.0000	1598	48	35-125
Phenanthrene	3333	0.0000	2696	81	55-105
Phenol	3333	0.0000	2265	68	30-110
Pyrene	3333	0.0000	3040	91	55-115
Pyridine	3333	0.0000	1120	34	10-110
1,2,4-Trichlorobenzene	3333	0.0000	2258	68	30-110
2,4,5-Trichlorophenol	3333	0.0000	2919	88	50-105
2,4,6-Trichlorophenol	3333	0.0000	2699	81	45-105

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 2 out of 69 outside limits

COMMENTS: _____

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1119BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: SSBL1119 Lab Sample ID: SBLK1119BS1

Instrument ID: BNA1 Date Extracted: 11/19/06

Matrix: (soil/water) SOIL Date Analyzed: 12/03/06

Level: (low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 0933

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1119BS1L	SBLK1119BS1LCS	SSLC1119	12/03/06
02	S2-SD-01-00-	0611108-01	1110801	12/03/06
03	S2-SD-03-00-	0611108-03	1110803	12/03/06
04	S2-SD-04-00-	0611108-04	1110804	12/03/06
05	S2-SD-04-00-	0611108-04	1110804M	12/03/06
06	S2-SD-04-00-	0611108-04	1110804S	12/03/06
07	S2-SD-02-00-	0611108-02	1110802	12/04/06
08	S2-SD-05-00-	0611108-05	1110805	12/04/06
09	S2-SD-06-00-	0611108-06	1110806	12/04/06
10	S2-SD-07-00-	0611108-07	1110807	12/04/06
11	S2-SD-08-00-	0611108-08	1110808	12/04/06
12	S2-SD-09-00-	0611108-09	1110809	12/04/06
13	S2-SD-10-00-	0611108-10	1110810	12/04/06
14	S1-SD-10-00-	0611108-11	1110811	12/04/06
15	S1-SD-11-00-	0611108-12	1110812	12/04/06
16	S2-SD-11-00-	0611108-13	1110813	12/04/06
17	S2-SD-12-00-	0611108-14	1110814	12/04/06
18	S2-SD-13-00-	0611108-15	1110815	12/04/06
19	S5-SD-06-00-	0611108-16	1110816	12/04/06
20	S5-SD-07-00-	0611108-17	1110817	12/04/06
21	S1-SD-12-00-	0611108-22	1110822	12/04/06
22	S1-SD-13-00-	0611108-23	1110823	12/04/06
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1119BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1119BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1119

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/19/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 09:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	40	330		U
208-96-8	Acenaphthylene	40	330		U
98-86-2	Acetophenone	100	330		U
53-96-3	2-Acetylaminofluorene	100	330		U
92-67-1	4-Aminobiphenyl	100	330		U
62-53-3	Aniline	100	330		U
140-57-8	Aramite	100	330		U
120-12-7	Anthracene	40	330		U
65-85-0	Benzoic acid	100	1300		U
56-55-3	Benzo(a)anthracene	40	330		U
205-99-2	Benzo(b)fluoranthene	40	330		U
207-08-9	Benzo(k)fluoranthene	40	330		U
191-24-2	Benzo(g,h,i)perylene	40	330		U
50-32-8	Benzo(a)pyrene	40	330		U
100-51-6	Benzyl alcohol	100	330		U
111-91-1	bis(2-Chloroethoxy)methane	100	330		U
111-44-4	bis(2-Chloroethyl)ether	100	330		U
108-60-1	bis(2-Chloroisopropyl)ether	100	330		U
117-81-7	Bis(2-ethylhexyl)phthalate	100	330		U
101-55-3	4-Bromophenyl-phenylether	100	330		U
85-68-7	Butylbenzylphthalate	100	330		U
106-47-8	4-Chloroaniline	100	330		U
510-15-6	Chlorobenzilate	100	330		U
59-50-7	4-Chloro-3-methylphenol	100	330		U
91-58-7	2-Chloronaphthalene	100	330		U
95-57-8	2-Chlorophenol	100	330		U
7005-72-3	4-Chlorophenyl-phenylether	100	330		U
218-01-9	Chrysene	40	330		U
2303-16-4	Diallate	100	330		U
53-70-3	Dibenz(a,h)anthracene	40	330		U
132-64-9	Dibenzofuran	100	330		U
91-94-1	3,3'-Dichlorobenzidine	150	330		U
106-46-7	1,4-Dichlorobenzene	100	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1119BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1119BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1119

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/19/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 09:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	100	330		U
541-73-1	1,3-Dichlorobenzene	100	330		U
120-83-2	2,4-Dichlorophenol	100	330		U
87-65-0	2,6-Dichlorophenol	100	330		U
84-66-2	Diethylphthalate	100	330		U
60-51-5	Dimethoate	100	330		U
60-11-7	p-(Dimethylamino)azobenzene	100	330		U
57-97-6	7,12-Dimethylbenz[a]anthrace	100	330		U
119-93-7	3,3'-Dimethylbenzidine	100	330		U
122-09-8	a,a-Dimethyl-phenethylamine	100	330		U
105-67-9	2,4-Dimethylphenol	100	1300		U
131-11-3	Dimethylphthalate	100	330		U
84-74-2	Di-n-butylphthalate	100	330		U
99-65-0	m-Dinitrobenzene	100	330		U
534-52-1	4,6-Dinitro-2-methylphenol	100	1300		U
51-28-5	2,4-Dinitrophenol	100	3300		U
121-14-2	2,4-Dinitrotoluene	100	330		U
606-20-2	2,6-Dinitrotoluene	100	330		U
88-85-7	Dinoseb	100	330		U
117-84-0	Di-n-octylphthalate	100	330		U
122-39-4	Diphenylamine	100	330		U
298-04-4	Disulfoton	100	330		U
62-50-0	Ethyl methanesulfonate	100	330		U
52-85-7	Famphur	100	330		U
206-44-0	Fluoranthene	40	330		U
86-73-7	Fluorene	40	330		U
118-74-1	Hexachlorobenzene	100	330		U
87-68-3	Hexachlorobutadiene	100	330		U
77-47-4	Hexachlorocyclopentadiene	100	330		U
67-72-1	Hexachloroethane	100	330		U
70-30-4	Hexachlorophene	100	670		U
1888-71-7	Hexachloropropene	100	330		U
193-39-5	Indeno(1,2,3-cd)pyrene	40	330		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1119BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1119BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1119

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/19/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 09:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
465-73-6	Isodrin	100	330		U
78-59-1	Isophorone	100	330		U
120-58-1	Isosafrole	100	330		U
143-50-0	Kepone	100	330		U
91-80-5	Methapyrilene	100	330		U
56-49-5	3-Methylcholanthrene	100	330		U
66-27-3	Methyl methanesulfonate	100	330		U
91-57-6	2-Methylnaphthalene	40	330		U
298-00-0	Methyl parathion	100	330		U
106-44-5	4-Methylphenol	100	330		U
91-20-3	Naphthalene	40	330		U
95-48-7	2-Methylphenol	100	330		U
108-39-4	3-Methylphenol	100	330		U
130-15-4	1,4-Naphthoquinone	100	330		U
134-32-7	1-Naphthylamine	100	330		U
91-59-8	2-Naphthylamine	100	330		U
88-74-4	2-Nitroaniline	100	1300		U
99-09-2	3-Nitroaniline	100	1300		U
100-01-6	4-Nitroaniline	100	1300		U
98-95-3	Nitrobenzene	100	330		U
88-75-5	2-Nitrophenol	100	330		U
100-02-7	4-Nitrophenol	100	1300		U
56-57-5	4-Nitroquinoline-1-oxide	100	330		U
924-16-3	N-Nitrosodi-n-butylamine	100	330		U
55-18-5	N-Nitrosodiethylamine	100	330		U
62-75-9	N-Nitroso-di-methylamine	100	330		U
86-30-6	N-Nitrosodiphenylamine (1)	100	330		U
621-64-7	N-Nitroso-di-n-propylamine	100	330		U
10595-95-6	N-Nitrosomethylethylamine	100	330		U
59-89-2	N-Nitrosomorpholine	100	330		U
100-75-4	N-Nitrosopiperidine	100	330		U
930-55-2	N-Nitrosopyrrolidine	100	330		U
99-55-8	5-Nitro-o-toluidine	100	330		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1119BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: SBLK1119BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SSBL1119

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/19/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 12/03/06 09:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
56-38-2	Parathion	100	330		U
608-93-5	Pentachlorobenzene	100	330		U
76-01-7	Pentachloroethane	100	330		U
82-68-8	Pentachloronitrobenzene	100	330		U
87-86-5	Pentachlorophenol	100	1300		U
62-44-2	Phenacetin	100	330		U
85-01-8	Phenanthrene	40	330		U
108-95-2	Phenol	100	330		U
106-50-3	p-Phenylenediamine	100	330		U
298-02-2	Phorate	100	330		U
109-06-8	2-Picoline	100	330		U
23950-58-5	Pronamide	100	330		U
129-00-0	Pyrene	40	330		U
110-86-1	Pyridine	100	1300		U
94-59-7	Safrole	100	330		U
3689-24-5	Sulfotepp	100	330		U
95-94-3	1,2,4,5-Tetrachlorobenzene	100	330		U
58-90-2	2,3,4,6-Tetrachlorophenol	100	330		U
297-97-2	Thionazin	100	330		U
95-53-4	o-Toluidine	100	330		U
120-82-1	1,2,4-Trichlorobenzene	100	330		U
95-95-4	2,4,5-Trichlorophenol	100	330		U
88-06-2	2,4,6-Trichlorophenol	100	330		U
126-68-1	O,O,O-Triethylphosphorothioa	100	330		U
99-35-4	sym-Trinitrobenzene	100	330		U

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF0911B2 DFTPP Injection Date: 09/11/06

Instrument ID: BNA1 DFTPP Injection Time: 1958

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	51.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	78.8
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	18.2
365	Greater than 1.0% of mass 198	1.86
441	Present, but less than mass 443	9.0
442	Greater than 40.0% of mass 198	56.3
443	17.0 - 23.0% of mass 442	11.0 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPC002PPM	APPC002PPM	APPC002	09/12/06	0022
02	APPC005PPM	APPC005PPM	APPC005	09/12/06	0057
03	APPC010PPM	APPC010PPM	APPC010	09/12/06	0132
04	APPC020PPM	APPC020PPM	APPC020	09/12/06	0207
05	APPC030PPM	APPC030PPM	APPC030	09/12/06	0242
06	APPC050PPM	APPC050PPM	APPC050	09/12/06	0317
07	APPC060PPM	APPC060PPM	APPC060	09/12/06	0351
08	APPC070PPM	APPC070PPM	APPC070	09/12/06	0426
09	APPC080PPM	APPC080PPM	APPC080	09/12/06	0501
10	APPC090PPM	APPC090PPM	APPC090	09/12/06	0536
11	APPC100PPM	APPC100PPM	APPC100	09/12/06	0611
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF0911B3 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 0736

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	81.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	16.0
365	Greater than 1.0% of mass 198	2.08
441	Present, but less than mass 443	8.0
442	Greater than 40.0% of mass 198	50.0
443	17.0 - 23.0% of mass 442	9.9 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPA002PPM	APPA002PPM	APPA002	09/12/06	1236
02	APPA005PPM	APPA005PPM	APPA005	09/12/06	1311
03	APPA010PPM	APPA010PPM	APPA010	09/12/06	1346
04	APPA020PPM	APPA020PPM	APPA020	09/12/06	1421
05	APPA030PPM	APPA030PPM	APPA030	09/12/06	1456
06	APPA050PPM	APPA050PPM	APPA050	09/12/06	1531
07	APPA070PPM	APPA070PPM	APPA070	09/12/06	1606
08	APPA100PPM	APPA100PPM	APPA100	09/12/06	1641
09	APPB002PPM	APPB002PPM	APPB002	09/12/06	1716
10	APPB005PPM	APPB005PPM	APPB005	09/12/06	1751
11	APPB010PPM	APPB010PPM	APPB010	09/12/06	1827
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF0911B4 DFTPP Injection Date: 09/12/06

Instrument ID: BNA1 DFTPP Injection Time: 1859

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	76.7
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	47.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	17.6
365	Greater than 1.0% of mass 198	1.94
441	Present, but less than mass 443	9.1
442	Greater than 40.0% of mass 198	56.9
443	17.0 - 23.0% of mass 442	11.8 (20.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	APPB020PPM	APPB020PPM	APPB020	09/12/06	1919
02	APPB030PPM	APPB030PPM	APPB030	09/12/06	1953
03	APPB050PPM	APPB050PPM	APPB050	09/12/06	2028
04	APPB070PPM	APPB070PPM	APPB070	09/12/06	2103
05	APPB100PPM	APPB100PPM	APPB100	09/12/06	2138
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Acetylaminofluorene	2ORDR	0.00000000	2.50416525	-0.4098548	0.997
4-Aminobiphenyl	AVRG		0.77864114		13.6
m-Dinitrobenzene	LINR	0.00000000	0.23701156		0.995
Hexachloropropene	AVRG		0.14021398		11.0
Isodrin	AVRG		0.20631377		4.4
Kepone	LINR	0.00000000	0.19217706		0.999
5-Nitro-o-toluidine	2ORDR	0.00000000	2.28430051	0.30818451	0.997
Pentachlorobenzene	AVRG		0.47518673		7.5
Pentachloronitrobenzene	LINR	0.00000000	8.786e-002		0.999
Pentachloroethane	AVRG		0.48546152		8.8
1,2,4,5-Tetrachlorobenzene	AVRG		0.25901931		8.8
o-Toluidine	AVRG		1.80815979		10.7
sym-Trinitrobenzene	2ORDR	0.14425382	4.10326421	-1.5803412	0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Aramite	AVRG		7.445e-002		11.6
Chlorobenzilate	AVRG		0.38735717		12.6
Diallate	AVRG		0.86317227		7.2
2,6-Dichlorophenol	AVRG		0.26619463		7.1
p-(Dimethylamino)azobenzene	AVRG		0.25649176		12.8
7,12-Dimethylbenz[a]anthrace	LINR	0.00000000	0.51289270		0.999
3,3'-Dimethylbenzidine	2ORDR	0.00000000	1.23445692	0.29370336	0.997
Dinoseb	2ORDR	0.14716869	6.02605242	-0.9898172	0.995
Diphenylamine	AVRG		0.92307953		5.6
Ethyl methanesulfonate	AVRG		1.34405164		7.9
Isosafrole	AVRG		0.94369306		8.4
Methapyrilene	LINR	0.00000000	0.74258273		0.998
3-Methylcholanthrene	AVRG		0.52665015		11.0
Methyl methanesulfonate	AVRG		0.94475920		8.0
1,4-Naphthoquinone	AVRG		0.42498240		12.1
1-Naphthylamine	AVRG		1.04310210		10.8
2-Naphthylamine	AVRG		1.12422959		12.1
4-Nitroquinoline-1-oxide	2ORDR	0.17636842	17.1636050	7.52292652	0.992
N-Nitrosodi-n-butylamine	AVRG		0.24733716		8.6
N-Nitrosodiethylamine	AVRG		0.65778267		8.8
N-Nitrosomethylethylamine	AVRG		0.79866338		4.8
N-Nitrosomorpholine	AVRG		0.85354245		10.6
N-Nitrosopiperidine	AVRG		0.20595211		5.8
N-Nitrosopyrrolidine	AVRG		0.70294934		8.9
Phenacetin	LINR	0.00000000	0.49857817		0.996
2-Picoline	AVRG		1.64217739		7.7
Pronamide	LINR	0.00000000	0.37898786		0.997
Safrole	AVRG		0.24382528		5.7
2,3,4,6-Tetrachlorophenol	LINR	0.00000000	0.25008022		0.998

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 08/27/06 09/12/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 2138

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Dimethoate	AVRG		0.41009292		10.0
a,a-Dimethyl-phenethylamine	LINR	0.00000000	1.09375917		0.996
Disulfoton	AVRG		0.56765837		12.4
Famphur	2ORDR	5.041e-002	1.85218712	1.46644131	0.996
Hexachlorophene	2ORDR	1.96928051	11.0577718	-1.8507904	0.999
Methyl parathion	2ORDR	0.00000000	2.10302895	0.19537199	0.995
Parathion	LINR	0.00000000	0.28794697		0.996
p-Phenylenediamine	2ORDR	0.00000000	3.24432400	-0.1964508	0.998
Phorate	AVRG		0.80787027		9.4
Sulfotepp	AVRG		0.22119363		9.4
Thionazin	AVRG		0.22388299		12.0
O,O,O-Triethylphosphorothioa	AVRG		0.16890512		6.3

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF1114B1 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 0729

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	79.2
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.8
365	Greater than 1.0% of mass 198	1.72
441	Present, but less than mass 443	8.7
442	Greater than 40.0% of mass 198	51.6
443	17.0 - 23.0% of mass 442	9.6 (18.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CAL001PPM	CAL001PPM	CAL001	11/14/06	0749
02	CAL002PPM	CAL002PPM	CAL002	11/14/06	0824
03	CAL005PPM	CAL005PPM	CAL005	11/14/06	0859
04	CAL010PPM	CAL010PPM	CAL010	11/14/06	0934
05	CAL020PPM	CAL020PPM	CAL020	11/14/06	1009
06	CAL030PPM	CAL030PPM	CAL030	11/14/06	1045
07	CAL040PPM	CAL040PPM	CAL040	11/14/06	1120
08	CAL050PPM	CAL050PPM	CAL050	11/14/06	1155
09	CAL060PPM	CAL060PPM	CAL060	11/14/06	1230
10	CAL070PPM	CAL070PPM	CAL070	11/14/06	1306
11	CAL080PPM	CAL080PPM	CAL080	11/14/06	1341
12	CAL090PPM	CAL090PPM	CAL090	11/14/06	1416
13	CAL100PPM	CAL100PPM	CAL100	11/14/06	1452
14	CALB002PPM	CALB002PPM	CALB002	11/14/06	1527
15	CALB005PPM	CALB005PPM	CALB005	11/14/06	1602
16	CALB010PPM	CALB010PPM	CALB010	11/14/06	1637
17	CALB020PPM	CALB020PPM	CALB020	11/14/06	1713
18	CALB030PPM	CALB030PPM	CALB030	11/14/06	1748
19	CALB040PPM	CALB040PPM	CALB040	11/14/06	1823
20	CALB050PPM	CALB050PPM	CALB050	11/14/06	1859
21					
22					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF1114B2 DFTPP Injection Date: 11/14/06

Instrument ID: BNA1 DFTPP Injection Time: 1931

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	82.0
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	14.2
365	Greater than 1.0% of mass 198	2.01
441	Present, but less than mass 443	6.0
442	Greater than 40.0% of mass 198	43.5
443	17.0 - 23.0% of mass 442	8.3 (19.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CALB060PPM	CALB060PPM	CALB060	11/14/06	1951
02	CALB070PPM	CALB070PPM	CALB070	11/14/06	2026
03	CALB080PPM	CALB080PPM	CALB080	11/14/06	2102
04	CALB090PPM	CALB090PPM	CALB090	11/14/06	2137
05	CALB100PPM	CALB100PPM	CALB100	11/14/06	2212
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Acenaphthene	AVRG		1.14763470		7.5
Acenaphthylene	AVRG		1.61937855		9.3
Acetophenone	AVRG		1.52640944		8.9
Aniline	2ORDR	0.00000000	0.53862900	0.14846564	0.995
Anthracene	AVRG		1.04434965		4.5
Benzoic acid	LINR	9.351e-002	0.30378746		0.995
Benzo(a)anthracene	AVRG		1.33102937		6.0
Benzo(b)fluoranthene	LINR	0.00000000	1.26384545		0.996
Benzo(k)fluoranthene	AVRG		1.27602667		10.8
Benzo(g,h,i)perylene	AVRG		0.84531102		12.6
Benzo(a)pyrene	AVRG		1.06117287		10.5
Benzyl alcohol	AVRG		0.76587742		12.6
bis(2-Chloroethoxy)methane	AVRG		0.48197356		10.6
1,1'-Biphenyl	AVRG		1.15934166		14.0
bis(2-Chloroethyl)ether	AVRG		1.42083659		12.3
bis(2-Chloroisopropyl)ether	AVRG		2.26845981		14.6
Bis(2-ethylhexyl)phthalate	LINR	0.00000000	1.34642399		0.996
4-Bromophenyl-phenylether	AVRG		0.24761957		6.1
Butylbenzylphthalate	LINR	0.00000000	1.11444792		0.999
Carbazole	2ORDR	0.00000000	1.34084265	5.801e-003	0.991
Caprolactam	AVRG		0.10163568		14.0
4-Chloroaniline	AVRG		0.40585523		10.7
4-Chloro-3-methylphenol	AVRG		0.30001834		7.9
2-Chloronaphthalene	AVRG		1.12198486		10.1
2-Chlorophenol	AVRG		1.33386531		11.6
4-Chlorophenyl-phenylether	AVRG		0.51658739		7.4
Chrysene	AVRG		1.20256073		4.6
Dibenz(a,h)anthracene	2ORDR	0.00000000	1.52141269	-0.2389727	0.994
Dibenzofuran	AVRG		1.59863352		7.6
1,2-Dichlorobenzene	AVRG		1.34202950		12.8
1,4-Dichlorobenzene	AVRG		1.42999558		12.6
1,3-Dichlorobenzene	AVRG		1.46157748		10.4
2,4-Dichlorophenol	AVRG		0.29162720		9.3
Diethylphthalate	LINR	-6.74e-002	1.24038263		0.996
2,4-Dimethylphenol	AVRG		0.35805051		7.1
Dimethylphthalate	AVRG		1.41337499		7.9
Di-n-butylphthalate	AVRG		1.73696747		7.0

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
4,6-Dinitro-2-methylphenol	LINR	0.11504554	0.20948045		0.996
2,4-Dinitrophenol	2ORDR	0.00000000	6.26078818	-3.7983137	0.991
2,4-Dinitrotoluene	AVRG		0.41632007		11.0
2,6-Dinitrotoluene	LINR	0.00000000	0.33718664		0.996
Di-n-octylphthalate	LINR	0.00000000	2.31029715		0.995
1,2-Diphenylhydrazine	AVRG		1.22292795		8.2
Fluoranthene	AVRG		1.11809015		7.0
Fluorene	AVRG		1.19824378		6.7
Hexachlorobenzene	AVRG		0.28180346		9.6
Hexachlorobutadiene	AVRG		0.17808279		10.5
Hexachlorocyclopentadiene	LINR	7.254e-002	0.24606699		0.995
Hexachloroethane	AVRG		0.65773406		10.6
Indeno(1,2,3-cd)pyrene	2ORDR	0.00000000	1.52164857	-0.2357851	0.995
Isophorone	AVRG		0.77204459		7.3
2-Methylnaphthalene	AVRG		0.54180192		9.3
1-Methylnaphthalene	AVRG		0.53740425		9.6
4-Methylphenol	AVRG		1.09166424		12.3
3-Methylphenol	AVRG		1.09541609		12.8
Naphthalene	AVRG		0.96197387		14.1
2-Methylphenol	AVRG		1.13201842		11.0
2-Nitroaniline	LINR	0.00000000	0.45985792		0.998
3-Nitroaniline	2ORDR	0.00000000	3.69137148	-0.9146236	0.995
4-Nitroaniline	2ORDR	-1.33e-002	5.94840126	-3.9675729	0.990
Nitrobenzene	AVRG		0.39886867		10.4
2-Nitrophenol	AVRG		0.22944579		11.8
4-Nitrophenol	2ORDR	0.00000000	4.52861578	-1.7848770	0.998
N-Nitroso-di-methylamine	AVRG		0.69884932		6.7
N-Nitrosodiphenylamine	AVRG		0.54828239		9.8
N-Nitroso-di-n-propylamine	AVRG		0.93827321		12.6
Pentachlorophenol	LINR	0.00000000	0.17892127		0.996
Phenanthrene	AVRG		1.08113552		5.1
Phenol	AVRG		1.77885530		14.4
Pyrene	AVRG		1.66387273		5.9
Pyridine	LINR	0.00000000	1.50521901		0.996
1,2,4-Trichlorobenzene	AVRG		0.31070165		10.8
2,4,5-Trichlorophenol	AVRG		0.41010190		9.5
2,4,6-Trichlorophenol	AVRG		0.39250741		10.1

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 11/14/06 11/14/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 0749 1452

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
2-Fluorophenol	AVRG		1.29094459		10.4
Phenol-d6	AVRG		1.45633702		13.1
Nitrobenzene-d5	AVRG		0.40594199		6.6
2-Fluorobiphenyl	AVRG		1.30358766		10.4
2,4,6-Tribromophenol	AVRG		0.15197208		9.7
Terphenyl-d14	AVRG		1.00520729		6.5

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date(s): 08/27/06 11/15/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1751 0254

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Benzidine	LINR	0.17671722	0.79483026	0.995
3,3'-Dichlorobenzidine	LINR	7.74e-002	0.36251529	0.995

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF1203B1 DFTPP Injection Date: 12/03/06

Instrument ID: BNA1 DFTPP Injection Time: 0655

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	80.5
70	Less than 2.0% of mass 69	0.3 (0.3)1
127	40.0 - 60.0% of mass 198	51.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	15.3
365	Greater than 1.0% of mass 198	1.93
441	Present, but less than mass 443	8.1
442	Greater than 40.0% of mass 198	49.1
443	17.0 - 23.0% of mass 442	10.1 (20.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	12/03/06	0715
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	12/03/06	0749
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	12/03/06	0824
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	12/03/06	0858
05	SBLK1119BS1	SBLK1119BS1	SSBL1119	12/03/06	0933
06	SBLK1119BS1L	SBLK1119BS1LCS	SSLC1119	12/03/06	1007
07	S2-SD-01-00-	0611108-01	1110801	12/03/06	1627
08	S2-SD-03-00-	0611108-03	1110803	12/03/06	1701
09	S2-SD-04-00-	0611108-04	1110804	12/03/06	1736
10	S2-SD-04-00-	0611108-04	1110804M	12/03/06	1810
11	S2-SD-04-00-	0611108-04	1110804S	12/03/06	1845
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.076	50.00	46.88		AVRG	-6.2	20.0
Acenaphthylene	1.619	1.646	50.00	50.84		AVRG	1.7	
Acetophenone	1.526	1.641	50.00	53.77		AVRG	7.5	
Aniline	1.507	1.433	50.00	57.65		2ORDR	15.3	
Anthracene	1.044	1.110	50.00	53.12		AVRG	6.2	
Atrazine	0.205	0.154	50.00	34.39		LINR	-31.2	
Benzaldehyde	0.904	0.594	50.00	32.85		AVRG	-34.3	
Benzidine	0.614	0.053	50.00	10.43		LINR	-79.1	
Benzoic acid	0.222	0.326	50.00	57.41		LINR	14.8	
Benzo(a)anthracene	1.331	1.359	50.00	51.04		AVRG	2.1	
Benzo(b)fluoranthene	1.179	1.420	50.00	56.20		LINR	12.4	
Benzo(k)fluoranthene	1.276	1.313	50.00	51.46		AVRG	2.9	
Benzo(g,h,i)perylene	0.845	0.850	50.00	50.28		AVRG	0.6	
Benzo(a)pyrene	1.061	1.244	50.00	58.63		AVRG	17.2	20.0
Benzyl alcohol	0.766	0.801	50.00	52.27		AVRG	4.5	
1,1'-Biphenyl	1.159	1.168	50.00	50.38		AVRG	0.8	
bis(2-Chloroethoxy)methane	0.482	0.452	50.00	46.92		AVRG	-6.2	
bis(2-Chloroethyl)ether	1.421	1.431	50.00	50.34		AVRG	0.7	
bis(2-Chloroisopropyl)ether	2.268	2.212	50.00	48.74		AVRG	-2.5	
Bis(2-ethylhexyl)phthalate	1.197	1.329	50.00	49.34		LINR	-1.3	
4-Bromophenyl-phenylether	0.247	0.246	50.00	49.60		AVRG	-0.8	
Butylbenzylphthalate	1.020	1.110	50.00	49.82		LINR	-0.3	
4-Chloroaniline	0.406	0.420	50.00	51.78		AVRG	3.6	
Carbazole	0.820	0.938	50.00	63.24		2ORDR	26.5	
Caprolactam	0.102	0.105	50.00	51.60		AVRG	3.2	
4-Chloro-3-methylphenol	0.300	0.328	50.00	54.66		AVRG	9.3	20.0
2-Chloronaphthalene	1.122	1.110	50.00	49.48		AVRG	-1.0	
2-Chlorophenol	1.334	1.412	50.00	52.91		AVRG	5.8	
4-Chlorophenyl-phenylether	0.517	0.537	50.00	52.00		AVRG	4.0	
Chrysene	1.202	1.190	50.00	49.48		AVRG	-1.0	
Dibenz(a,h)anthracene	0.717	0.769	50.00	49.65		2ORDR	-0.7	
Dibenzofuran	1.598	1.572	50.00	49.18		AVRG	-1.6	
1,2-Dichlorobenzene	1.342	1.240	50.00	46.18		AVRG	-7.6	
1,4-Dichlorobenzene	1.430	1.431	50.00	50.04		AVRG	0.1	20.0
1,3-Dichlorobenzene	1.462	1.504	50.00	51.44		AVRG	2.9	
3,3'-Dichlorobenzidine	0.273	0.292	50.00	43.36		LINR	-13.3	
2,4-Dichlorophenol	0.292	0.299	50.00	51.28		AVRG	2.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.461	50.00	56.20		LINR	12.4	
2,4-Dimethylphenol	0.358	0.403	50.00	56.28		AVRG	12.6	
Dimethylphthalate	1.413	1.402	50.00	49.58		AVRG	-0.8	
Di-n-butylphthalate	1.737	1.923	50.00	55.34		AVRG	10.7	
4,6-Dinitro-2-methylphenol	0.158	0.179	50.00	47.34		LINR	-5.3	
2,4-Dinitrophenol	0.172	0.175	50.00	47.61	0.050	2ORDR	-4.8	
2,4-Dinitrotoluene	0.416	0.432	50.00	51.84		AVRG	3.7	
2,6-Dinitrotoluene	0.312	0.342	50.00	50.80		LINR	1.6	
Di-n-octylphthalate	2.093	2.512	50.00	54.36		LINR	8.7	20.0
1,2-Diphenylhydrazine	1.223	1.323	50.00	54.09		AVRG	8.2	
Fluoranthene	1.118	1.154	50.00	51.59		AVRG	3.2	20.0
Fluorene	1.198	1.248	50.00	52.07		AVRG	4.1	
Hexachlorobenzene	0.282	0.284	50.00	50.38		AVRG	0.8	
Hexachlorobutadiene	0.178	0.182	50.00	51.24		AVRG	2.5	20.0
Hexachlorocyclopentadiene	0.204	0.231	50.00	49.79	0.050	LINR	-0.4	
Hexachloroethane	0.658	0.663	50.00	50.44		AVRG	0.9	
Indeno(1,2,3-cd)pyrene	0.704	0.814	50.00	52.16		2ORDR	4.3	
Isophorone	0.772	0.785	50.00	50.83		AVRG	1.7	
1-Methylnaphthalene	0.537	0.552	50.00	51.38		AVRG	2.8	
2-Methylnaphthalene	0.542	0.549	50.00	50.66		AVRG	1.3	
Naphthalene	0.962	0.921	50.00	47.86		AVRG	-4.3	
4-Methylphenol	1.092	1.211	50.00	55.45		AVRG	10.9	
3-Methylphenol	1.095	1.211	50.00	55.26		AVRG	10.5	
2-Methylphenol	1.132	1.191	50.00	52.59		AVRG	5.2	
2-Nitroaniline	0.423	0.496	50.00	53.88		LINR	7.8	
3-Nitroaniline	0.294	0.358	50.00	58.80		2ORDR	17.6	
4-Nitroaniline	0.211	0.316	50.00	68.71		2ORDR	37.4	
Nitrobenzene	0.399	0.439	50.00	55.04		AVRG	10.1	
2-Nitrophenol	0.229	0.250	50.00	54.59		AVRG	9.2	20.0
4-Nitrophenol	0.246	0.302	50.00	58.30	0.050	2ORDR	16.6	
N-Nitroso-di-methylamine	0.699	0.796	50.00	56.95		AVRG	13.9	
N-Nitrosodiphenylamine(1)	0.548	0.579	50.00	52.81		AVRG	5.6	20.0
N-Nitroso-di-n-propylamine	0.938	0.960	50.00	51.16	0.050	AVRG	2.3	
Pentachlorophenol	0.160	0.161	50.00	45.12		LINR	-9.8	20.0
Phenanthrene	1.081	1.161	50.00	53.71		AVRG	7.4	
Phenol	1.779	1.720	50.00	48.34		AVRG	-3.3	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0715

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.704	50.00	51.22		AVRG	2.4	
Pyridine	1.378	1.436	50.00	47.71		LINR	-4.6	
1,2,4-Trichlorobenzene	0.311	0.298	50.00	47.99		AVRG	-4.0	
2,4,5-Trichlorophenol	0.410	0.436	50.00	53.14		AVRG	6.3	
2,4,6-Trichlorophenol	0.392	0.394	50.00	50.22		AVRG	0.4	20.0
2-Fluorophenol	1.291	1.420	100.0	110.0		AVRG	10.0	
Phenol-d6	1.456	1.523	100.0	104.6		AVRG	4.6	
Nitrobenzene-d5	0.406	0.470	50.00	57.88		AVRG	15.8	
2-Fluorobiphenyl	1.304	1.220	50.00	46.78		AVRG	-6.4	
2,4,6-Tribromophenol	0.152	0.172	100.0	113.4		AVRG	13.4	
Terphenyl-d14	1.005	1.022	50.00	50.82		AVRG	1.6	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0749

Lab File ID: CCVAP9A Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.393	50.00	45.21		2ORDR	-9.6	20.0
4-Aminobiphenyl	0.779	0.799	50.00	51.32		AVRG	2.6	20.0
m-Dinitrobenzene	0.176	0.222	50.00	46.90		LINR	-6.2	20.0
Hexachloropropene	0.140	0.163	50.00	58.08		AVRG	16.2	20.0
Isodrin	0.206	0.274	50.00	66.29		AVRG	32.6	20.0
Kepone	0.171	0.182	50.00	47.23		LINR	-5.5	20.0
5-Nitro-o-toluidine	0.319	0.383	50.00	46.55		2ORDR	-6.9	20.0
Pentachlorobenzene	0.475	0.510	50.00	53.68		AVRG	7.4	20.0
Pentachloronitrobenzene	0.082	0.110	50.00	62.60		LINR	25.2	20.0
Pentachloroethane	0.486	0.497	50.00	51.20	0.050	AVRG	2.4	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.272	50.00	52.52		AVRG	5.0	20.0
o-Toluidine	1.808	1.775	50.00	49.08		AVRG	-1.8	20.0
sym-Trinitrobenzene	0.170	0.259	50.00	52.32		2ORDR	4.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0824

Lab File ID: CCVAP9B Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.094	50.00	63.38		AVRG	26.8	
Chlorobenzilate	0.387	0.425	50.00	54.90		AVRG	9.8	
Diallate	0.863	0.770	50.00	44.59		AVRG	-10.8	
2,6-Dichlorophenol	0.266	0.278	50.00	52.25		AVRG	4.5	
p-(Dimethylamino)azobenzene	0.256	0.297	50.00	57.94		AVRG	15.9	
7,12-Dimethylbenz[a]anthrace	0.478	0.464	50.00	45.24		LINR	-9.5	
3,3'-Dimethylbenzidine	0.590	0.618	50.00	45.14		2ORDR	-9.7	
Dinoseb	0.117	0.157	50.00	51.79		2ORDR	3.6	
Diphenylamine	0.923	0.962	50.00	52.12		AVRG	4.2	
Ethyl methanesulfonate	1.344	1.313	50.00	48.84		AVRG	-2.3	
Isosafrole	0.944	0.915	50.00	48.47		AVRG	-3.1	
Methapyrilene	0.659	0.830	50.00	55.88		LINR	11.8	
3-Methylcholanthrene	0.526	0.487	50.00	46.20		AVRG	-7.6	
Methyl methanesulfonate	0.945	0.944	50.00	49.98		AVRG	-0.0	
1,4-Naphthoquinone	0.425	0.312	50.00	36.70		AVRG	-26.6	
1-Naphthylamine	1.043	0.990	50.00	47.46		AVRG	-5.1	
2-Naphthylamine	1.124	1.074	50.00	47.76		AVRG	-4.5	
4-Nitroquinoline-1-oxide	0.035	0.057	50.00	57.24		2ORDR	14.5	
N-Nitrosodi-n-butylamine	0.247	0.234	50.00	47.28		AVRG	-5.4	
N-Nitrosodiethylamine	0.658	0.561	50.00	42.67		AVRG	-14.7	
N-Nitrosomethylethylamine	0.798	0.670	50.00	41.97		AVRG	-16.1	
N-Nitrosomorpholine	0.853	0.816	50.00	47.80		AVRG	-4.4	
N-Nitrosopiperidine	0.206	0.192	50.00	46.69		AVRG	-6.6	
N-Nitrosopyrrolidine	0.703	0.618	50.00	43.96		AVRG	-12.1	
Phenacetin	0.444	0.542	50.00	54.35		LINR	8.7	
2-Picoline	1.642	1.294	50.00	39.41		AVRG	-21.2	
Pronamide	0.327	0.404	50.00	53.35		LINR	6.7	
Safrole	0.244	0.217	50.00	44.44		AVRG	-11.1	
2,3,4,6-Tetrachlorophenol	0.227	0.282	50.00	56.48		LINR	13.0	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/03/06 Time: 0858

Lab File ID: CCVAP9C Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

mw 12/9/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.393	50.00	47.88		AVRG	-4.2	20.0
a,a-Dimethyl-phenethylamine	1.028	0.977	125.0	111.7		LINR	-10.7	20.0
Disulfoton	0.567	0.546	50.00	48.12		AVRG	-3.7	20.0
Famphur	0.342	0.363	50.00	47.71		2ORDR	-4.6	20.0
Hexachlorophene	0.069	0.035	250.0	172.3		2ORDR	-31.1	20.0
Methyl parathion	0.359	0.543	50.00	60.71		2ORDR	21.4	20.0
Parathion	0.239	0.366	50.00	63.50		LINR	27.0	20.0
p-Phenylenediamine	0.279	0.322	125.0	122.7		2ORDR	-1.8	20.0
Phorate	0.808	0.767	50.00	47.48		AVRG	-5.0	20.0
Sulfotepp	0.221	0.260	50.00	58.84		AVRG	17.7	20.0
Thionazin	0.224	0.273	50.00	60.89		AVRG	21.8	20.0
O,O,O-Triethylphosphorothioa	0.169	0.173	50.00	51.23		AVRG	2.4	20.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Lab File ID: DF1204B1 DFTPP Injection Date: 12/04/06

Instrument ID: BNA1 DFTPP Injection Time: 0927

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	73.5
70	Less than 2.0% of mass 69	0.2 (0.2)1
127	40.0 - 60.0% of mass 198	47.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	14.8
365	Greater than 1.0% of mass 198	1.75
441	Present, but less than mass 443	8.0
442	Greater than 40.0% of mass 198	50.9
443	17.0 - 23.0% of mass 442	9.5 (18.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	12/04/06	0947
02	CCVAP9A050PP	CCVAP9A050PPM	CCVAP9A	12/04/06	1021
03	CCVAP9B050PP	CCVAP9B050PPM	CCVAP9B	12/04/06	1056
04	CCVAP9C050PP	CCVAP9C050PPM	CCVAP9C	12/04/06	1131
05	S2-SD-02-00-	0611108-02	1110802	12/04/06	1205
06	S2-SD-05-00-	0611108-05	1110805	12/04/06	1240
07	S2-SD-06-00-	0611108-06	1110806	12/04/06	1315
08	S2-SD-07-00-	0611108-07	1110807	12/04/06	1350
09	S2-SD-08-00-	0611108-08	1110808	12/04/06	1424
10	S2-SD-09-00-	0611108-09	1110809	12/04/06	1459
11	S2-SD-10-00-	0611108-10	1110810	12/04/06	1534
12	S1-SD-10-00-	0611108-11	1110811	12/04/06	1609
13	S1-SD-11-00-	0611108-12	1110812	12/04/06	1643
14	S2-SD-11-00-	0611108-13	1110813	12/04/06	1718
15	S2-SD-12-00-	0611108-14	1110814	12/04/06	1753
16	S2-SD-13-00-	0611108-15	1110815	12/04/06	1827
17	S5-SD-06-00-	0611108-16	1110816	12/04/06	1902
18	S5-SD-07-00-	0611108-17	1110817	12/04/06	1936
19	S1-SD-12-00-	0611108-22	1110822	12/04/06	2011
20	S1-SD-13-00-	0611108-23	1110823	12/04/06	2046
21					
22					

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 0947

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.148	1.106	50.00	48.20		AVRG	-3.6	20.0
Acenaphthylene	1.619	1.599	50.00	49.37		AVRG	-1.2	
Acetophenone	1.526	1.586	50.00	51.97		AVRG	3.9	
Aniline	1.507	1.421	50.00	57.00		2ORDR	14.0	
Anthracene	1.044	1.123	50.00	53.78		AVRG	7.6	
Atrazine	0.205	0.141	50.00	31.40		LINR	-37.2	
Benzaldehyde	0.904	0.481	50.00	26.60		AVRG	-46.8	
Benzidine	0.614	0.038	50.00	9.450		LINR	-81.1	
Benzoic acid	0.222	0.327	50.00	57.56		LINR	15.1	
Benzo(a)anthracene	1.331	1.398	50.00	52.50		AVRG	5.0	
Benzo(b)fluoranthene	1.179	1.354	50.00	53.56		LINR	7.1	
Benzo(k)fluoranthene	1.276	1.283	50.00	50.26		AVRG	0.5	
Benzo(g,h,i)perylene	0.845	0.819	50.00	48.45		AVRG	-3.1	
Benzo(a)pyrene	1.061	1.186	50.00	55.88		AVRG	11.8	20.0
Benzyl alcohol	0.766	0.770	50.00	50.31		AVRG	0.6	
1,1'-Biphenyl	1.159	1.162	50.00	50.12		AVRG	0.2	
bis(2-Chloroethoxy)methane	0.482	0.450	50.00	46.67		AVRG	-6.7	
bis(2-Chloroethyl)ether	1.421	1.274	50.00	44.84		AVRG	-10.3	
bis(2-Chloroisopropyl)ether	2.268	2.037	50.00	44.90		AVRG	-10.2	
Bis(2-ethylhexyl)phthalate	1.197	1.561	50.00	57.96		LINR	15.9	
4-Bromophenyl-phenylether	0.247	0.247	50.00	49.92		AVRG	-0.2	
Butylbenzylphthalate	1.020	1.221	50.00	54.79		LINR	9.6	
4-Chloroaniline	0.406	0.404	50.00	49.81		AVRG	-0.4	
Carbazole	0.820	0.830	50.00	55.87		2ORDR	11.7	
Caprolactam	0.102	0.102	50.00	50.00		AVRG	0.0	
4-Chloro-3-methylphenol	0.300	0.329	50.00	54.89		AVRG	9.8	20.0
2-Chloronaphthalene	1.122	1.115	50.00	49.70		AVRG	-0.6	
2-Chlorophenol	1.334	1.303	50.00	48.84		AVRG	-2.3	
4-Chlorophenyl-phenylether	0.517	0.516	50.00	49.91		AVRG	-0.2	
Chrysene	1.202	1.346	50.00	55.98		AVRG	12.0	
Dibenz(a,h)anthracene	0.717	0.734	50.00	47.80		2ORDR	-4.4	
Dibenzofuran	1.598	1.673	50.00	52.33		AVRG	4.7	
1,2-Dichlorobenzene	1.342	1.214	50.00	45.24		AVRG	-9.5	
1,4-Dichlorobenzene	1.430	1.431	50.00	50.02		AVRG	0.0	20.0
1,3-Dichlorobenzene	1.462	1.357	50.00	46.42		AVRG	-7.2	
3,3'-Dichlorobenzidine	0.273	0.279	50.00	41.64		LINR	-16.7	
2,4-Dichlorophenol	0.292	0.293	50.00	50.28		AVRG	0.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 0947

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Diethylphthalate	1.473	1.377	50.00	52.81		LINR	5.6	
2,4-Dimethylphenol	0.358	0.374	50.00	52.18		AVRG	4.4	
Dimethylphthalate	1.413	1.367	50.00	48.35		AVRG	-3.3	
Di-n-butylphthalate	1.737	1.867	50.00	53.75		AVRG	7.5	
4,6-Dinitro-2-methylphenol	0.158	0.192	50.00	50.35		LINR	0.7	
2,4-Dinitrophenol	0.172	0.221	50.00	57.56	0.050	2ORDR	15.1	
2,4-Dinitrotoluene	0.416	0.428	50.00	51.38		AVRG	2.8	
2,6-Dinitrotoluene	0.312	0.347	50.00	51.52		LINR	3.0	
Di-n-octylphthalate	2.093	2.744	50.00	59.40		LINR	18.8	20.0
1,2-Diphenylhydrazine	1.223	1.294	50.00	52.92		AVRG	5.8	
Fluoranthene	1.118	1.248	50.00	55.82		AVRG	11.6	20.0
Fluorene	1.198	1.230	50.00	51.35		AVRG	2.7	
Hexachlorobenzene	0.282	0.271	50.00	48.06		AVRG	-3.9	
Hexachlorobutadiene	0.178	0.174	50.00	48.75		AVRG	-2.5	20.0
Hexachlorocyclopentadiene	0.204	0.236	50.00	50.79	0.050	LINR	1.6	
Hexachloroethane	0.658	0.653	50.00	49.67		AVRG	-0.7	
Indeno(1,2,3-cd)pyrene	0.704	0.776	50.00	50.18		2ORDR	0.4	
Isophorone	0.772	0.779	50.00	50.47		AVRG	0.9	
1-Methylnaphthalene	0.537	0.540	50.00	50.28		AVRG	0.6	
2-Methylnaphthalene	0.542	0.551	50.00	50.86		AVRG	1.7	
Naphthalene	0.962	0.894	50.00	46.47		AVRG	-7.0	
4-Methylphenol	1.092	1.109	50.00	50.82		AVRG	1.6	
3-Methylphenol	1.095	1.109	50.00	50.64		AVRG	1.3	
2-Methylphenol	1.132	1.094	50.00	48.30		AVRG	-3.4	
2-Nitroaniline	0.423	0.496	50.00	53.89		LINR	7.8	
3-Nitroaniline	0.294	0.360	50.00	59.00		2ORDR	18.0	
4-Nitroaniline	0.211	0.333	50.00	70.97		2ORDR	41.9	
Nitrobenzene	0.399	0.372	50.00	46.68		AVRG	-6.6	
2-Nitrophenol	0.229	0.265	50.00	57.84		AVRG	15.7	20.0
4-Nitrophenol	0.246	0.309	50.00	59.30	0.050	2ORDR	18.6	
N-Nitroso-di-methylamine	0.699	0.727	50.00	52.03		AVRG	4.0	
N-Nitrosodiphenylamine(1)	0.548	0.558	50.00	50.90		AVRG	1.8	20.0
N-Nitroso-di-n-propylamine	0.938	0.873	50.00	46.51	0.050	AVRG	-7.0	
Pentachlorophenol	0.160	0.179	50.00	49.98		LINR	-0.0	20.0
Phenanthrene	1.081	1.153	50.00	53.32		AVRG	6.6	
Phenol	1.779	1.499	50.00	42.14		AVRG	-15.7	20.0

(1) Cannot be separated from Diphenylamine

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 0947

Lab File ID: CCV050 Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Pyrene	1.664	1.760	50.00	52.89		AVRG	5.8	
Pyridine	1.378	1.472	50.00	48.91		LINR	-2.2	
1,2,4-Trichlorobenzene	0.311	0.312	50.00	50.18		AVRG	0.4	
2,4,5-Trichlorophenol	0.410	0.457	50.00	55.74		AVRG	11.5	
2,4,6-Trichlorophenol	0.392	0.428	50.00	54.51		AVRG	9.0	20.0
2-Fluorophenol	1.291	1.282	100.0	99.32		AVRG	-0.7	
Phenol-d6	1.456	1.351	100.0	92.77		AVRG	-7.2	
Nitrobenzene-d5	0.406	0.420	50.00	51.79		AVRG	3.6	
2-Fluorobiphenyl	1.304	1.243	50.00	47.69		AVRG	-4.6	
2,4,6-Tribromophenol	0.152	0.169	100.0	110.9		AVRG	10.9	
Terphenyl-d14	1.005	1.072	50.00	53.30		AVRG	6.6	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 1021

Lab File ID: CCVAP9A Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

ML 12/9/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
2-Acetylaminofluorene	0.328	0.522	50.00	58.37		2ORDR	16.7	20.0
4-Aminobiphenyl	0.779	0.866	50.00	55.59		AVRG	11.2	20.0
m-Dinitrobenzene	0.176	0.257	50.00	54.24		LINR	8.5	20.0
Hexachloropropene	0.140	0.182	50.00	64.76		AVRG	29.5	20.0
Isodrin	0.206	0.214	50.00	51.94		AVRG	3.9	20.0
Kepone	0.171	0.174	50.00	45.38		LINR	-9.2	20.0
5-Nitro-o-toluidine	0.319	0.423	50.00	51.74		2ORDR	3.5	20.0
Pentachlorobenzene	0.475	0.522	50.00	54.94		AVRG	9.9	20.0
Pentachloronitrobenzene	0.082	0.109	50.00	61.86		LINR	23.7	20.0
Pentachloroethane	0.486	0.499	50.00	51.41	0.050	AVRG	2.8	20.0
1,2,4,5-Tetrachlorobenzene	0.259	0.300	50.00	57.87		AVRG	15.7	20.0
o-Toluidine	1.808	1.802	50.00	49.82		AVRG	-0.3	20.0
sym-Trinitrobenzene	0.170	0.292	50.00	57.31		2ORDR	14.6	20.0

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 1056

Lab File ID: CCVAP9B Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Aramite	0.074	0.090	50.00	60.13		AVRG	20.2	
Chlorobenzilate	0.387	0.442	50.00	57.13		AVRG	14.2	
Diallate	0.863	0.735	50.00	42.56		AVRG	-14.9	
2,6-Dichlorophenol	0.266	0.286	50.00	53.73		AVRG	7.5	
p-(Dimethylamino)azobenzene	0.256	0.302	50.00	58.96		AVRG	17.9	
7,12-Dimethylbenz[a]anthrace	0.478	0.500	50.00	48.73		LINR	-2.5	
3,3'-Dimethylbenzidine	0.590	0.702	50.00	52.38		2ORDR	4.8	
Dinoseb	0.117	0.198	50.00	63.13		2ORDR	26.2	
Diphenylamine	0.923	1.007	50.00	54.52		AVRG	9.0	
Ethyl methanesulfonate	1.344	1.223	50.00	45.49		AVRG	-9.0	
Isosafrole	0.944	0.948	50.00	50.25		AVRG	0.5	
Methapyrilene	0.659	0.849	50.00	57.14		LINR	14.3	
3-Methylcholanthrene	0.526	0.527	50.00	50.01		AVRG	0.0	
Methyl methanesulfonate	0.945	0.947	50.00	50.14		AVRG	0.3	
1,4-Naphthoquinone	0.425	0.342	50.00	40.22		AVRG	-19.6	
1-Naphthylamine	1.043	1.137	50.00	54.50		AVRG	9.0	
2-Naphthylamine	1.124	1.239	50.00	55.11		AVRG	10.2	
4-Nitroquinoline-1-oxide	0.036	0.072	50.00	71.28		2ORDR	42.6	
N-Nitrosodi-n-butylamine	0.247	0.245	50.00	49.46		AVRG	-1.1	
N-Nitrosodiethylamine	0.658	0.547	50.00	41.58		AVRG	-16.8	
N-Nitrosomethylethylamine	0.798	0.631	50.00	39.53		AVRG	-20.9	
N-Nitrosomorpholine	0.853	0.764	50.00	44.77		AVRG	-10.5	
N-Nitrosopiperidine	0.206	0.194	50.00	47.19		AVRG	-5.6	
N-Nitrosopyrrolidine	0.703	0.595	50.00	42.32		AVRG	-15.3	
Phenacetin	0.444	0.552	50.00	55.39		LINR	10.8	
2-Picoline	1.642	1.239	50.00	37.71		AVRG	-24.6	
Pronamide	0.327	0.404	50.00	53.35		LINR	6.7	
Safrole	0.244	0.236	50.00	48.39		AVRG	-3.2	
2,3,4,6-Tetrachlorophenol	0.227	0.306	50.00	61.27		LINR	22.5	

FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST04

Instrument ID: BNA1 Calibration Date: 12/04/06 Time: 1131

Lab File ID: CCVAP9C Init. Calib. Date(s): 08/27/06 11/15/06

Init. Calib. Times: 1751 0254

12/9/06

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Dimethoate	0.410	0.334	50.00	40.68		AVRG	-18.6	20.0
a,a-Dimethyl-phenethylamine	1.028	0.903	125.0	103.2		LINR	-17.4	20.0
Disulfoton	0.567	0.527	50.00	46.45		AVRG	-7.1	20.0
Famphur	0.342	0.295	50.00	37.37		2ORDR	-25.3	20.0
Hexachlorophene	0.069	0.053	250.0	217.7		2ORDR	-12.9	20.0
Methyl parathion	0.359	0.489	50.00	54.35		2ORDR	8.7	20.0
Parathion	0.239	0.326	50.00	56.62		LINR	13.2	20.0
p-Phenylenediamine	0.279	0.325	125.0	123.7		2ORDR	-1.0	20.0
Phorate	0.808	0.736	50.00	45.57		AVRG	-8.9	20.0
Sulfotepp	0.221	0.251	50.00	56.81		AVRG	13.6	20.0
Thionazin	0.224	0.260	50.00	58.14		AVRG	16.3	20.0
O,O,O-Triethylphosphorothioa	0.169	0.171	50.00	50.56		AVRG	1.1	20.0

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Key West CTO044
Project Manager: C. Bryan
SDG: Key West 04
Work Order: 0611108

Date Sampled	Date Received	Lab ID	Client ID	Dilution
11/07/06	11/10/06	0611108-01	S2-SD-01-00-1106	1
11/07/06	11/10/06	0611108-01	S2-SD-01-00-1106DL	10
11/07/06	11/10/06	0611108-02	S2-SD-02-00-1106	1
11/07/06	11/10/06	0611108-02	S2-SD-02-00-1106DL	10
11/07/06	11/10/06	0611108-03	S2-SD-03-00-1106	1
11/07/06	11/10/06	0611108-03	S2-SD-03-00-1106DL	10
11/07/06	11/10/06	0611108-04	S2-SD-04-00-1106	1
11/07/06	11/10/06	0611108-04	S2-SD-04-00-1106DL	10
11/07/06	11/10/06	0611108-05	S2-SD-05-00-1106	1
11/07/06	11/10/06	0611108-05	S2-SD-05-00-1106DL	10
11/07/06	11/10/06	0611108-06	S2-SD-06-00-1106	1
11/07/06	11/10/06	0611108-06	S2-SD-06-00-1106DL	10
11/07/06	11/10/06	0611108-07	S2-SD-07-00-1106	1
11/07/06	11/10/06	0611108-07	S2-SD-07-00-1106DL	10
11/07/06	11/10/06	0611108-08	S2-SD-08-00-1106	1
11/07/06	11/10/06	0611108-08	S2-SD-08-00-1106DL	10
11/07/06	11/10/06	0611108-09	S2-SD-09-00-1106	1
11/07/06	11/10/06	0611108-09	S2-SD-09-00-1106DL	10
11/07/06	11/10/06	0611108-10	S2-SD-10-00-1106	1
11/07/06	11/10/06	0611108-10	S2-SD-10-00-1106DL	10
11/08/06	11/10/06	0611108-11	S1-SD-10-00-1106	1
11/08/06	11/10/06	0611108-11	S1-SD-10-00-1106DL	10
11/08/06	11/10/06	0611108-12	S1-SD-11-00-1106	1
11/08/06	11/10/06	0611108-12	S1-SD-11-00-1106DL	10
11/08/06	11/10/06	0611108-13	S2-SD-11-00-1106	1
11/08/06	11/10/06	0611108-13	S2-SD-11-00-1106DL	10
11/08/06	11/10/06	0611108-14	S2-SD-12-00-1106	1
11/08/06	11/10/06	0611108-14	S2-SD-12-00-1106DL	10
11/08/06	11/10/06	0611108-15	S2-SD-13-00-1106	1
11/08/06	11/10/06	0611108-15	S2-SD-13-00-1106DL	10
11/08/06	11/10/06	0611108-16	S5-SD-06-00-1106	1
11/08/06	11/10/06	0611108-16	S5-SD-06-00-1106DL	10
11/08/06	11/10/06	0611108-17	S5-SD-07-00-1106	1
11/08/06	11/10/06	0611108-17	S5-SD-07-00-1106DL	10
11/09/06	11/10/06	0611108-22	S1-SD-12-00-1106	1
11/09/06	11/10/06	0611108-22	S1-SD-12-00-1106DL	10
11/09/06	11/10/06	0611108-23	S1-SD-13-00-1106	1
11/09/06	11/10/06	0611108-23	S1-SD-13-00-1106DL	10

Pesticide Samples

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 3541/8081A (soxtherm extraction followed by capillary column GC/ECD) for soils upon receipt to the laboratory in satisfactory condition.

Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: All soil samples and associated QC were GPC cleaned prior to analysis.
- Due to the sample matrix, the middle and/or ending calibration verifications (CCV) associated with these samples had analytes exceeding 20% difference. All results for the undiluted analyses of 4,4'-DDT are flagged with "J2" as the middle midpoint exceeded the limit on the low side. While the ending calibration verification for the undiluted analysis on the RTX-CLPII column exceeded the limits on the high side, all

results were qualified based on the worst case scenario (exceeding the limit on the low side). All surrogate recoveries were evaluated and determined not to have been biased into control.

- In spike samples S2-SD-04-00-1106MS/MSD, recoveries of gamma-BHC, heptachlor and heptachlor epoxide exceeded the respective limits of 125%, 120% and 125% at (105%)/138%, (96%)/137% and (103%)/126%, respectively. These analytes were not detected in the unspiked sample.
- For all analyses, at least 3 of 4 surrogate recoveries were within limits. See form 2.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The associated numerical value is an estimated quantity. There is greater than a 40% difference between the two GC columns for the detected concentrations. The higher of the two values is reported unless matrix interference is obvious.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

TETRA TECH NUS, INC

CHAIN OF CUSTODY
NUMBER: 112G00486-1192006-2

Project No: 112G00486	Facility: KEY WEST NAS	Project Manager: Chuck Bryan	Carrier: Federal Express	Laboratory Name: Empirical Laboratories 227 French Landing Drive, Suite 550 Nashville, TN 37228
Task No: CTO 0044	Turn Around Time: Standard	Field Ops Leader: Gary Braganza	Carrier/Waybill No.	Point of Contact: Marcia McGinnity (615) 345-1119 x232

Date	Sample ID #	Time	Analysis	Loc ID	Matrix	Description	Preservative	Container Count	Container Type	Container Reqs	Comments
11/07/2006	S2-SD-01-00-1106	08:35	SW-846 6020	S2-SW/SD-01	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-01-00-1106	08:35	SW-846 8081 / 8270C	S2-SW/SD-01	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-02-00-1106	08:56	SW-846 6020	S2-SW/SD-02	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-02-00-1106	08:56	SW-846 8081 / 8270C	S2-SW/SD-02	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	SW-846 6020	S2-SW/SD-03	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-03-00-1106	09:24	SW-846 8081 / 8270C	S2-SW/SD-03	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-04-00-1106	11:10	SW-846 6020	S2-SW/SD-04	SD	TAL Metals + Tin	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-04-00-1106	11:10	SW-846 8081 / 8270C	S2-SW/SD-04	SD	Pesticides / SVOCs	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	SW-846 6020	S2-SW/SD-05	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-05-00-1106	11:46	SW-846 8081 / 8270C	S2-SW/SD-05	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available
11/07/2006	S2-SD-06-00-1106	12:18	SW-846 6020	S2-SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-06-00-1106	12:18	SW-846 8081 / 8270C	S2-SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	SW-846 6020	S2-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-07-00-1106	15:12	SW-846 8081 / 8270C	S2-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	SW-846 6020	S2-SW/SD-08	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-08-00-1106	15:34	SW-846 8081 / 8270C	S2-SW/SD-08	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	SW-846 6020	S2-SW/SD-09	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available
11/07/2006	S2-SD-09-00-1106	15:56	SW-846 8081 / 8270C	S2-SW/SD-09	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available

061108-1
02
03
04
05
06
07
08
09

11/07/2006	S2-SD-10-00-1106	16:24	SW-846 6020	S2-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/07/2006	S2-SD-10-00-1106	16:24	SW-846 8081 / 8270C	S2-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 6020	S2-SW/SD-01	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-01	SW	Pesticides / SVOCs	4°C	2	Glass	1L Amber	Run and report Salinity on sample. 2 of 3 bottles collected	
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 6020	S2-SW/SD-02	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 8081 / 8270C	S2-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 6020	S2-SW/SD-03	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 8081 / 8270C	S2-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 6020	S2-SW/SD-04	SW	TAL Metals + Tin	4° C/HNO3	3	Plastic	500ml PE	Do MS/MSD	
11/07/2006	S2-SW-04-00-1106	11:06	SW-846 8081 / 8270C	S2-SW/SD-04	SW	Pesticides / SVOCs	4°C	9	Glass	1L Amber	Do MS/MSD	
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 6020	S2-SW/SD-05	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 8081 / 8270C	S2-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 6020	S2-SW-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 8081 / 8270C	S2-SW-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 6020	S2-SW/SD-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 8081 / 8270C	S2-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 6020	S2-SW/SD-08	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 8081 / 8270C	S2-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 6020	S2-SW-09	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 8081 / 8270C	S2-SW-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 6020	S2-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 8081 / 8270C	S2-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 6020	S1-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 8081 / 8270C	S1-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 6020	S1-SW/SD-11	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 8081 / 8270C	S1-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 6020	S1-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 8081 / 8270C	S1-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 6020	S1-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 8081 / 8270C	S1-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		

	1106			11							cap	061108-
11/08/2006	S2-SD-11-00-1106	08:31	SW-846 8081 / 8270C	S2-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available	15
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 6020	S2-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 8081 / 8270C	S2-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	14
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 6020	S2-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 8081 / 8270C	S2-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	15
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 6020	S2-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061108-13
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 6020	S2-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 8081 / 8270C	S2-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	Run and report Salinity on sample	14
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 6020	S2-SW/SD-13	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 8081 / 8270C	S2-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		15
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 6020	S5-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-16
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 8081 / 8270C	S5-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 6020	S5-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	17
11/08/2006	S5-SS-01-00-1106	14:52	SW-846 6010B	S5-SS-01	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		18
11/08/2006	S5-SS-02-00-1106	14:57	SW-846 6010B	S5-SS-02	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		19
11/08/2006	S5-SS-03-00-1106	14:59	SW-846 6010B	S5-SS-03	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		20
11/08/2006	S5-SS-04-00-1106	15:02	SW-846 6010B	S5-SS-04	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		21
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 6020	S5-SW/SD-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-16
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 8081 / 8270C	S5-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S5-SW-07-00-1106	11:56	SW-846 6020	S5-SW-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S5-SW-07-00-1106	11:56	SW-846 8081 / 8270C	S5-SW-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		17
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 6020	S1-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-22
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 8081 / 8270C	S1-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 6020	S1-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	23
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 8081 / 8270C	S1-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 6020	S1-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-18
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 8081 / 8270C	S1-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/09/2006	S1-SW-13-00-	08:16	SW-846 6020	S1-SW/SD-	SW	TAL Metals + Tin	4°	1	Plastic	500ml PE		19

11/09/2006	S1-SW-13-00- - 1106	08:16	SW-846 8081 / 8270C	S1-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	061109-19
11/09/2006	S4-SD-01-00-1106	09:32	SW-846 6010B*	S4-SD-01	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	061108-24
11/09/2006	S4-SD-02-00-1106	09:49	SW-846 6010B*	S4-SD-02	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	25
11/09/2006	S4-SD-03-00-1106	09:55	SW-846 6010B*	S4-SD-03	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	26
11/09/2006	S4-SD-04-00-1106	10:05	SW-846 6010B*	S4-SD-04	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	27
11/09/2006	S4-SS-101-00-1106	10:34	SW-846 6010B**	S4-SS-101	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	28
11/09/2006	S4-SS-102-00-1106	10:39	SW-846 6010B**	S4-SS-102	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	29
11/09/2006	S4-SS-103-00-1106	10:43	SW-846 6010B**	S4-SS-103	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	30
11/09/2006	S4-SS-104-00-1106	10:47	SW-846 6010B**	S4-SS-104	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	31
11/09/2006	S4-SS-105-00-1106	10:50	SW-846 6010B**	S4-SS-105	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	32
11/09/2006	S4-SS-106-00-1106	10:54	SW-846 6010B**	S4-SS-106	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	33
11/09/2006	S4-SW-01-00-1106	13:50	SW-846 6010B	S4-SW-01	SW	Antimony	4°C	1	Plastic	250ml PE	061109-20
11/09/2006	S4-SW-02-00-1106	14:02	SW-846 6010B	S4-SW-02	SW	Antimony	4°C	1	Plastic	250ml PE	21
11/09/2006	S4-SW-03-00-1106	14:15	SW-846 6010B	S4-SW-03	SW	Antimony	4°C	1	Plastic	250ml PE	22
11/09/2006	S4-SW-04-00-1106	14:25	SW-846 6010B	S4-SW-04	SW	Antimony	4°C	1	Plastic	250ml PE	23

1. Relinquished By: John Wright	Date: 11/09/2006	Time: 17:30	Received By: Federal Express	Date: 11/09/2006	Time: 17:30
2. Relinquished By:	Date:	Time:	Received By:	Date: 11-10-06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 2.5

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS1BLK1118

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: PS1BLK1118 Lab File ID: 014F1401

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

GPC Cleanup (Y/N) Y Date Extracted: 11/18/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 2027 Time Analyzed (2): 2027

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S2-SD-01-00-	0611108-01	11/29/06	11/29/06
02	S2-SD-02-00-	0611108-02	11/29/06	11/29/06
03	S2-SD-03-00-	0611108-03	11/29/06	11/29/06
04	S2-SD-04-00-	0611108-04	11/29/06	11/29/06
05	S2-SD-04-00-	0611108-04MS	11/29/06	11/29/06
06	S2-SD-04-00-	0611108-04MSD	11/29/06	11/29/06
07	S2-SD-05-00-	0611108-05	11/29/06	11/29/06
08	S2-SD-06-00-	0611108-06	11/29/06	11/29/06
09	S2-SD-07-00-	0611108-07	11/29/06	11/29/06
10	S2-SD-08-00-	0611108-08	11/29/06	11/29/06
11	S2-SD-09-00-	0611108-09	11/29/06	11/29/06
12	S2-SD-10-00-	0611108-10	11/29/06	11/29/06
13	S1-SD-10-00-	0611108-11	11/29/06	11/29/06
14	S1-SD-11-00-	0611108-12	11/30/06	11/30/06
15	S2-SD-11-00-	0611108-13	11/30/06	11/30/06
16	S2-SD-12-00-	0611108-14	11/30/06	11/30/06
17	S2-SD-13-00-	0611108-15	11/30/06	11/30/06
18	S5-SD-06-00-	0611108-16	11/30/06	11/30/06
19	S5-SD-07-00-	0611108-17	11/30/06	11/30/06
20	S1-SD-12-00-	0611108-22	11/30/06	11/30/06
21	S1-SD-13-00-	0611108-23	11/30/06	11/30/06
22	PS1BLK1118LC	PS1BLK1118LCS	12/02/06	12/02/06
23	S2-SD-01-00-	0611108-01DL	12/02/06	12/02/06
24	S2-SD-02-00-	0611108-02DL	12/02/06	12/02/06
25	S2-SD-03-00-	0611108-03DL	12/02/06	12/02/06
26	S2-SD-04-00-	0611108-04DL	12/02/06	12/02/06

COMMENTS: _____

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PS1BLK1118

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: PS1BLK1118 Lab File ID: 014F1401

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SOXH

GPC Cleanup (Y/N) Y Date Extracted: 11/18/06

Date Analyzed (1): 12/02/06 Date Analyzed (2): 12/02/06

Time Analyzed (1): 2027 Time Analyzed (2): 2027

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column (1): RTX-CLP ID: 0.32(mm) Column (2): RTX-CLPII ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	S2-SD-05-00-	0611108-05DL	12/03/06	12/03/06
02	S2-SD-06-00-	0611108-06DL	12/03/06	12/03/06
03	S2-SD-07-00-	0611108-07DL	12/03/06	12/03/06
04	S2-SD-08-00-	0611108-08DL	12/03/06	12/03/06
05	S2-SD-09-00-	0611108-09DL	12/03/06	12/03/06
06	S2-SD-10-00-	0611108-10DL	12/03/06	12/03/06
07	S1-SD-10-00-	0611108-11DL	12/03/06	12/03/06
08	S1-SD-11-00-	0611108-12DL	12/03/06	12/03/06
09	S2-SD-11-00-	0611108-13DL	12/03/06	12/03/06
10	S2-SD-12-00-	0611108-14DL	12/03/06	12/03/06
11	S2-SD-13-00-	0611108-15DL	12/03/06	12/03/06
12	S5-SD-06-00-	0611108-16DL	12/03/06	12/03/06
13	S5-SD-07-00-	0611108-17DL	12/03/06	12/03/06
14	S1-SD-12-00-	0611108-22DL	12/03/06	12/03/06
15	S1-SD-13-00-	0611108-23DL	12/03/06	12/03/06
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PS1BLK1118

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Matrix: (soil/water) SOIL Lab Sample ID: PS1BLK1118

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 014F1401

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:11/18/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 12/02/06 20:27

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.22	0.67		U
319-84-6	Alpha-BHC	0.22	0.67		U
319-85-7	Beta-BHC	0.22	0.67		U
72-54-8	4,4'-DDD	0.33	1.3		U
72-55-9	4,4'-DDE	0.33	1.3		U
50-29-3	4,4'-DDT	0.33	1.3		U
319-86-8	Delta-BHC	0.22	0.67		U
60-57-1	Dieldrin	0.33	1.3		U
959-98-8	Endosulfan I	0.22	0.67		U
33213-65-9	Endosulfan II	0.33	1.3		U
1031-07-8	Endosulfan Sulfate	0.33	1.3		U
72-20-8	Endrin	0.33	1.3		U
7421-93-4	Endrin Aldehyde	0.33	1.3		U
58-89-9	Gamma-BHC	0.22	0.67		U
76-44-8	Heptachlor	0.22	0.67		U
1024-57-3	Heptachlor Epoxide	0.22	0.67		U
72-43-5	Methoxychlor	0.22	0.67		U
8001-35-2	Toxaphene	22	67		U

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 11/29/06 11/29/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1125 1411

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Aldrin	AVRG		7999.68571		14.6
Alpha-BHC	AVRG		9908.41429		8.0
Alpha-Chlordane	AVRG		6704.89857		12.0
Beta-BHC	AVRG		4275.91143		16.3
4,4'-DDD	AVRG		4161.73929		10.1
4,4'-DDE	AVRG		5563.78786		7.4
4,4'-DDT	AVRG		4366.64357		8.3
Delta-BHC	AVRG		8647.00000		7.4
Dieldrin	AVRG		6434.37000		10.9
Endosulfan I	2ORDR	0.00000000	1.45e-004	2.31e-011	1.000
Endosulfan II	AVRG		5539.97071		12.2
Endosulfan Sulfate	AVRG		4805.62714		12.2
Endrin	AVRG		4771.11357		10.6
Endrin Aldehyde	2ORDR	0.00000000	2.367e-004	4.196e-011	1.000
Endrin Ketone	AVRG		5434.73929		14.7
Gamma-BHC	AVRG		8862.41429		7.0
Gamma-Chlordane	AVRG		6933.99786		13.6
Heptachlor	AVRG		7929.21714		8.1
Heptachlor Epoxide	AVRG		7223.42714		13.4
Methoxychlor	LINR	0.00000000	1538.72897		0.998
TCMX	AVRG		6715.88071		15.0
DCB	AVRG		3391.76714		17.9

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 09/22/06 11/29/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1442 1534

LAB FILE ID: RF5: 014F1401 RF1: 014F1401

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Chlordane	1092.200		AVRG	1092.20000	0.0
(2)	231.800		AVRG	231.800000	0.0
(3)	706.000		AVRG	706.000000	0.0
(4)	758.400		AVRG	758.400000	0.0
(5)	321.800		AVRG	321.800000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 09/22/06 11/29/06

Column: RTX-CLP ID: 0.32 (mm) Calibration Time(s): 1442 1534

LAB FILE ID: RF5: 015F1501 RF1: 015F1501

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Toxaphene	122.330		AVRG	122.330000	0.0
(2)	60.450		AVRG	60.4500000	0.0
(3)	106.200		AVRG	106.200000	0.0
(4)	140.060		AVRG	140.060000	0.0
(5)	128.640		AVRG	128.640000	0.0
(6)	85.870		AVRG	85.8700000	0.0
(7)	117.410		AVRG	117.410000	0.0
(8)	109.770		AVRG	109.770000	0.0
(9)	119.390		AVRG	119.390000	0.0
(10)	74.440		AVRG	74.4400000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 11/29/06 11/29/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1125 1411

LAB FILE ID: RF5: 011R1101 RF1: 012R1201

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Aldrin	9838.200	8872.000	AVRG	8963.55786	6.6
Alpha-BHC	10918.400	8331.000	AVRG	10620.4657	11.3
Alpha-Chlordane	8907.000	8371.000	AVRG	7915.77429	8.3
Beta-BHC	5387.000	4525.000	AVRG	4753.22786	7.1
4,4'-DDD	5078.000	3943.000	AVRG	5055.77714	14.2
4,4'-DDE	6424.600	4999.000	AVRG	6390.48714	14.2
4,4'-DDT	5596.600	4477.000	AVRG	5382.90286	12.3
Delta-BHC	9346.200	7703.000	AVRG	8950.86429	9.0
Dieldrin	8343.800	7277.000	AVRG	7739.47143	8.0
Endosulfan I	8199.200	7213.000	AVRG	7396.08071	7.4
Endosulfan II	7159.600	5886.000	AVRG	6563.64286	8.8
Endosulfan Sulfate	6557.200	6425.000	AVRG	5845.54786	9.9
Endrin	6755.600	5824.000	AVRG	6240.80071	8.3
Endrin Aldehyde	5928.000	5505.000	AVRG	5196.13500	9.0
Endrin Ketone	7708.000	8432.000	AVRG	6967.37714	13.0
Gamma-BHC	10742.400	8511.000	AVRG	9929.33143	8.2
Gamma-Chlordane	9125.800	8856.000	AVRG	8218.03000	8.2
Heptachlor	11677.400	10358.000	AVRG	10506.2114	6.5
Heptachlor Epoxide	9775.600	9214.000	AVRG	8560.82714	9.1
Methoxychlor	2870.800	2122.000	AVRG	2539.51571	11.1
TCMX	8507.200	7259.000	AVRG	7379.15714	7.5
DCB	4174.200	4249.000	AVRG	3723.47429	13.3

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 09/22/06 11/29/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1442 0.H 12.7.06 1534

LAB FILE ID: RF5: 014R1401 RF1: 014R1401

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Chlordane	1301.200		AVRG	1301.20000	0.0
(2)	837.000		AVRG	837.000000	0.0
(3)	677.000		AVRG	677.000000	0.0
(4)	1301.200		AVRG	1301.20000	0.0
(5)	871.800		AVRG	871.800000	0.0

FORM 6
PESTA ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: Case No.: SAS No.: NA SDG No.: SDGA96421

Instrument ID: ECD3 Calibration Date(s): 09/22/06 11/29/06

Column: RTX-CLPII ID: 0.32 (mm) Calibration Time(s): 1442 1534

LAB FILE ID: RF5: 015R1501 RF1: 015R1501

COMPOUND	RF5	RF1	CURVE	COEFFICENT A1	%RSD OR R^2
Toxaphene	292.300		AVRG	292.300000	0.0
(2)	237.750		AVRG	237.750000	0.0
(3)	213.820		AVRG	213.820000	0.0
(4)	144.390		AVRG	144.390000	0.0
(5)	91.890		AVRG	91.8900000	0.0
(6)	247.630		AVRG	247.630000	0.0
(7)	133.900		AVRG	133.900000	0.0
(8)	85.020		AVRG	85.0200000	0.0
(9)	135.830		AVRG	135.830000	0.0
(10)	111.100		AVRG	111.100000	0.0

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/8/06

Instrument ID: ecd3.i Injection Date: 29-NOV-2006 16:01
Lab File ID: 016F1601.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82F.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$ 36 TCMX	6716	6040	0.010	-10.1	15.0	
3 Alpha-BHC	9908	✓ 8839	0.010	-10.8	15.0	
23 Gamma-BHC	8862	8059	0.010	-9.1	15.0	
5 Beta-BHC	4276	3898	0.010	-8.8	15.0	
15 Delta-BHC	8647	7899	0.010	-8.6	15.0	
25 Heptachlor	7929	7548	0.010	-4.8	15.0	
2 Aldrin	8000	7486	0.010	-6.4	15.0	
26 Heptachlor Epoxide	7223	6990	0.010	-3.2	15.0	
24 Gamma-Chlordane	6934	6730	0.010	-2.9	15.0	
4 Alpha-Chlordane	6705	6697	0.010	-0.1	15.0	
13 4,4'-DDE	5564	5873	0.010	5.6	15.0	
17 Endosulfan I	25.00000	25.08782	0.010	-0.4	15.0	
16 Dieldrin	6434	6490	0.010	0.9	15.0	
20 Endrin	4771	4743	0.010	-0.6	15.0	
12 4,4'-DDD	4162	4432	0.010	6.5	15.0	
18 Endosulfan II	5540	5610	0.010	1.3	15.0	
14 4,4'-DDT	4367	4610	0.010	5.6	15.0	
21 Endrin Aldehyde	25.00000	27.61748	0.010	-10.5	15.0	
27 Methoxychlor	25.00000	24.47280	0.010	2.1	15.0	
19 Endosulfan Sulfate	4806	4962	0.010	3.3	15.0	
22 Endrin Ketone	5435	5610	0.010	3.2	15.0	
$ 37 DCB	3392	2742	0.010	-19.2	15.0	<- Low

J.H. 12-7-06
12/8/06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 29-NOV-2006 16:01
Lab File ID: 016R1601.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82R.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	7379	7032	0.010	-4.7	15.0	
	3 Alpha-BHC	10620	10347	0.010	-2.6	15.0	
	23 Gamma-BHC	9929	9657	0.010	-2.7	15.0	
	5 Beta-BHC	4753	4601	0.010	-3.2	15.0	
	15 Delta-BHC	8951	8710	0.010	-2.7	15.0	
	25 Heptachlor	10506	10392	0.010	-1.1	15.0	
	2 Aldrin	8964	9116	0.010	1.7	15.0	
	26 Heptachlor Epoxide	8561	8752	0.010	2.2	15.0	
	24 Gamma-Chlordane	8218	8511	0.010	3.6	15.0	
	4 Alpha-Chlordane	7916	8306	0.010	4.9	15.0	
	17 Endosulfan I	7396	7876	0.010	6.5	15.0	
	13 4,4'-DDE	6390	7076	0.010	10.7	15.0	
	16 Dieldrin	7739	8395	0.010	8.5	15.0	
	20 Endrin	6241	6611	0.010	5.9	15.0	
	12 4,4'-DDD	5056	5859	0.010	15.9	15.0	<- HIGH
	18 Endosulfan II	6564	7314	0.010	11.4	15.0	
	14 4,4'-DDT	5383	6040	0.010	12.2	15.0	
	21 Endrin Aldehyde	5196	5908	0.010	13.7	15.0	
	19 Endosulfan Sulfate	5846	6264	0.010	7.2	15.0	
	27 Methoxychlor	2540	2835	0.010	11.6	15.0	
	22 Endrin Ketone	6967	7426	0.010	6.6	15.0	
$	37 DCB	3723	3108	0.010	-16.5	15.0	<- Low

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/8/06

Instrument ID: ecd3.i Injection Date: 29-NOV-2006 22:56
Lab File ID: 031F3101.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82F.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	6716	6261	0.010	-6.8	15.0	
	3 Alpha-BHC	9908	9011	0.010	-9.1	15.0	
	23 Gamma-BHC	8862	7906	0.010	-10.8	15.0	
	5 Beta-BHC	4276	3852	0.010	-9.9	15.0	
	15 Delta-BHC	8647	7859	0.010	-9.1	15.0	
	25 Heptachlor	7929	6867	0.010	-13.4	15.0	
	2 Aldrin	8000	6994	0.010	-12.6	15.0	
	26 Heptachlor Epoxide	7223	6495	0.010	-10.1	15.0	
	24 Gamma-Chlordane	6934	6234	0.010	-10.1	15.0	
	4 Alpha-Chlordane	6705	6185	0.010	-7.8	15.0	
	13 4,4'-DDE	5564	5613	0.010	0.9	15.0	
	17 Endosulfan I	25.00000	22.51356	0.010	9.9	15.0	
	16 Dieldrin	6434	5931	0.010	-7.8	15.0	
	20 Endrin	4771	4677	0.010	-2.0	15.0	
	12 4,4'-DDD	4162	4669	0.010	12.2	15.0	
	18 Endosulfan II	5540	5153	0.010	-7.0	15.0	
	14 4,4'-DDT *	4367	3291	0.010	-24.6	15.0	<- Low
	21 Endrin Aldehyde	25.00000	23.83156	0.010	4.7	15.0	
	27 Methoxychlor	25.00000	21.77317	0.010	12.9	15.0	
	19 Endosulfan Sulfate	4806	4604	0.010	-4.2	15.0	
	22 Endrin Ketone	5435	5023	0.010	-7.6	15.0	
$	37 DCB	3392	3773	0.010	11.3	15.0	

J.H. 12.7.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/8/06

Instrument ID: ecd3.i Injection Date: 29-NOV-2006 22:56
Lab File ID: 031R3101.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82R.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	7379	7262	0.010	-1.6	15.0	
	3 Alpha-BHC	10620	10718	0.010	0.9	15.0	
	23 Gamma-BHC	9929	9638	0.010	-2.9	15.0	
	5 Beta-BHC	4753	4636	0.010	-2.5	15.0	
	15 Delta-BHC	8951	8878	0.010	-0.8	15.0	
	25 Heptachlor	10506	9461	0.010	-9.9	15.0	
	2 Aldrin	8964	8606	0.010	-4.0	15.0	
	26 Heptachlor Epoxide	8561	8126	0.010	-5.1	15.0	
	24 Gamma-Chlordane	8218	7905	0.010	-3.8	15.0	
	4 Alpha-Chlordane	7916	7710	0.010	-2.6	15.0	
	17 Endosulfan I	7396	7216	0.010	-2.4	15.0	
	13 4,4'-DDE	6390	6602	0.010	3.3	15.0	
	16 Dieldrin	7739	7680	0.010	-0.8	15.0	
	20 Endrin	6241	6385	0.010	2.3	15.0	
	12 4,4'-DDD	5056	6062	0.010	19.9	15.0	<- HIGH
	18 Endosulfan II	6564	6819	0.010	3.9	15.0	
	14 4,4'-DDT •	5383	4078	0.010	-24.2	15.0	<- Low
	21 Endrin Aldehyde	5196	5297	0.010	1.9	15.0	
	19 Endosulfan Sulfate	5846	5852	0.010	0.1	15.0	
	27 Methoxychlor	2540	2238	0.010	-11.9	15.0	
	22 Endrin Ketone	6967	6668	0.010	-4.3	15.0	
$	37 DCB	3723	4244	0.010	14.0	15.0	

J.H. 12-7-06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

12/8/06

Instrument ID: ecd3.i Injection Date: 30-NOV-2006 03:59
Lab File ID: 042F4201.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82F.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	6716	6237	0.010	-7.1	15.0	
	3 Alpha-BHC	9908	9140	0.010	-7.8	15.0	
	23 Gamma-BHC	8862	8138	0.010	-8.2	15.0	
	5 Beta-BHC	4276	3882	0.010	-9.2	15.0	
	15 Delta-BHC	8647	8163	0.010	-5.6	15.0	
	25 Heptachlor	7929	7353	0.010	-7.3	15.0	
	2 Aldrin	8000	7318	0.010	-8.5	15.0	
	26 Heptachlor Epoxide	7223	7041	0.010	-2.5	15.0	
	24 Gamma-Chlordane	6934	6806	0.010	-1.8	15.0	
	4 Alpha-Chlordane	6705	6772	0.010	1.0	15.0	
	13 4,4'-DDE	5564	6312	0.010	13.4	15.0	
	17 Endosulfan I	25.00000	24.29265	0.010	2.8	15.0	
	16 Dieldrin	6434	6538	0.010	1.6	15.0	
	20 Endrin	4771	5054	0.010	5.9	15.0	
	12 4,4'-DDD	4162	4985	0.010	19.8	15.0	<- HIGH
	18 Endosulfan II	5540	5661	0.010	2.2	15.0	
	14 4,4'-DDT	4367	3651	0.010	-16.4	15.0	<- Low
	21 Endrin Aldehyde	25.00000	26.50610	0.010	-6.0	15.0	
	27 Methoxychlor	25.00000	25.35404	0.010	-1.4	15.0	
	19 Endosulfan Sulfate	4806	5125	0.010	6.6	15.0	
	22 Endrin Ketone	5435	5749	0.010	5.8	15.0	
$	37 DCB	3392	3892	0.010	14.7	15.0	

J.H. 12.7.06

12/8/06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 30-NOV-2006 03:59
Lab File ID: 042R4201.D Init. Cal. Date(s): 22-SEP-2006 29-NOV-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 15:34
Lab Sample ID: AB/Sur 25 #5932 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\112906.b\8081_82R.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	7379	7535	0.010	2.1	15.0	
	3 Alpha-BHC	10620	11103	0.010	4.5	15.0	
	23 Gamma-BHC	9929	10051	0.010	1.2	15.0	
	5 Beta-BHC	4753	4741	0.010	-0.3	15.0	
	15 Delta-BHC	8951	9354	0.010	4.5	15.0	
	25 Heptachlor	10506	10184	0.010	-3.1	15.0	
	2 Aldrin	8964	9304	0.010	3.8	15.0	
	26 Heptachlor Epoxide	8561	8884	0.010	3.8	15.0	
	24 Gamma-Chlordane	8218	8727	0.010	6.2	15.0	
	4 Alpha-Chlordane	7916	8568	0.010	8.2	15.0	
	17 Endosulfan I	7396	7956	0.010	7.6	15.0	
	13 4,4'-DDE	6390	7596	0.010	18.9	15.0	<- HIGH
	16 Dieldrin	7739	8531	0.010	10.2	15.0	
	20 Endrin	6241	7200	0.010	15.4	15.0	<-
	12 4,4'-DDD •	5056	7049	0.010	39.4	15.0	<- > HIGH
	18 Endosulfan II	6564	7601	0.010	15.8	15.0	<-
	14 4,4'-DDT	5383	4934	0.010	-8.3	15.0	
	21 Endrin Aldehyde	5196	5921	0.010	13.9	15.0	
	19 Endosulfan Sulfate	5846	6629	0.010	13.4	15.0	
	27 Methoxychlor	2540	2657	0.010	4.6	15.0	
	22 Endrin Ketone	6967	7721	0.010	10.8	15.0	
$	37 DCB •	3723	4532	0.010	21.7	15.0	<- HIGH

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 02-DEC-2006 19:59
Lab File ID: 013F1301.D Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 19:32
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82F.m

COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$ 36 TCMX	7673	7420	0.010	-3.3	15.0
3 Alpha-BHC	11362	10898	0.010	-4.1	15.0
23 Gamma-BHC	10063	9844	0.010	-2.2	15.0
5 Beta-BHC	4898	4656	0.010	-4.9	15.0
15 Delta-BHC	9773	9457	0.010	-3.2	15.0
25 Heptachlor	9348	8894	0.010	-4.9	15.0
2 Aldrin	9382	8908	0.010	-5.0	15.0
26 Heptachlor Epoxide	8787	8398	0.010	-4.4	15.0
24 Gamma-Chlordane	8516	8083	0.010	-5.1	15.0
4 Alpha-Chlordane	8372	7984	0.010	-4.6	15.0
13 4,4'-DDE	7522	7052	0.010	-6.3	15.0
17 Endosulfan I	8321	7879	0.010	-5.3	15.0
16 Dieldrin	7999	7757	0.010	-3.0	15.0
20 Endrin	5909	5688	0.010	-3.7	15.0
12 4,4'-DDD	5854	5730	0.010	-2.1	15.0
18 Endosulfan II	6940	6808	0.010	-1.9	15.0
14 4,4'-DDT	5077	4958	0.010	-2.3	15.0
21 Endrin Aldehyde	5473	5490	0.010	0.3	15.0
27 Methoxychlor	25.00000	26.77087	0.010	-7.1	15.0
19 Endosulfan Sulfate	6067	6048	0.010	-0.3	15.0
22 Endrin Ketone	6751	7002	0.010	3.7	15.0
$ 37 DCB	4269	4788	0.010	12.1	15.0

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 02-DEC-2006 19:59
Lab File ID: 013R1301.D Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 19:32
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82R.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$	36 TCMX	6873	6900	0.010	0.4	15.0
	3 Alpha-BHC	10151	10144	0.010	-0.1	15.0
	23 Gamma-BHC	9238	9273	0.010	0.4	15.0
	5 Beta-BHC	4461	4365	0.010	-2.2	15.0
	15 Delta-BHC	8484	8331	0.010	-1.8	15.0
	25 Heptachlor	9690	9571	0.010	-1.2	15.0
	2 Aldrin	8433	8431	0.010	-0.0	15.0
	26 Heptachlor Epoxide	8241	8070	0.010	-2.1	15.0
	24 Gamma-Chlordane	7960	7777	0.010	-2.3	15.0
	4 Alpha-Chlordane	7788	7698	0.010	-1.2	15.0
	17 Endosulfan I	7239	7260	0.010	0.3	15.0
	13 4,4'-DDE	6479	6526	0.010	0.7	15.0
	16 Dieldrin	7651	7696	0.010	0.6	15.0
	20 Endrin	6015	6061	0.010	0.8	15.0
	12 4,4'-DDD	5531	5752	0.010	4.0	15.0
	18 Endosulfan II	6587	6813	0.010	3.4	15.0
	14 4,4'-DDT	4797	4869	0.010	1.5	15.0
	21 Endrin Aldehyde	5236	5392	0.010	3.0	15.0
	19 Endosulfan Sulfate	5726	5852	0.010	2.2	15.0
	27 Methoxychlor	2399	2489	0.010	3.8	15.0
	22 Endrin Ketone	6989	7190	0.010	2.9	15.0
$	37 DCB	3933	4433	0.010	12.7	15.0

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i
Lab File ID: 027F2701.D
Analysis Type: SOIL
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82F.m

Injection Date: 03-DEC-2006 02:26
Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Init. Cal. Times: 14:42 19:32

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	7673	7956	0.010	3.7	15.0	
	3 Alpha-BHC	11362	11372	0.010	0.1	15.0	
	23 Gamma-BHC	10063	10541	0.010	4.7	15.0	
	5 Beta-BHC	4898	5012	0.010	2.3	15.0	
	15 Delta-BHC	9773	10264	0.010	5.0	15.0	
	25 Heptachlor	9348	9906	0.010	6.0	15.0	
	2 Aldrin	9382	9984	0.010	6.4	15.0	
	26 Heptachlor Epoxide	8787	9552	0.010	8.7	15.0	
	24 Gamma-Chlordane	8516	9219	0.010	8.3	15.0	
	4 Alpha-Chlordane	8372	9185	0.010	9.7	15.0	
	13 4,4'-DDE	7522	8221	0.010	9.3	15.0	
	17 Endosulfan I	8321	9036	0.010	8.6	15.0	
	16 Dieldrin	7999	8968	0.010	12.1	15.0	
	20 Endrin	5909	6591	0.010	11.5	15.0	
	12 4,4'-DDD	5854	6631	0.010	13.3	15.0	
	18 Endosulfan II	6940	7829	0.010	12.8	15.0	
	14 4,4'-DDT	5077	5537	0.010	9.1	15.0	
	21 Endrin Aldehyde	5473	6307	0.010	15.2	15.0	<-
	27 Methoxychlor	25.00000	28.86414	0.010	-15.5	15.0	<-
	19 Endosulfan Sulfate	6067	6848	0.010	12.9	15.0	
	22 Endrin Ketone	6751	7722	0.010	14.4	15.0	
$	37 DCB	4269	3634	0.010	-14.9	15.0	

NA

HIGH

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 03-DEC-2006 02:26
Lab File ID: 027R2701.D Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 19:32
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82R.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	6873	7511	0.010	9.3	15.0	
	3 Alpha-BHC	10151	10389	0.010	2.3	15.0	
	23 Gamma-BHC	9238	9680	0.010	4.8	15.0	
	5 Beta-BHC	4461	4597	0.010	3.1	15.0	
	15 Delta-BHC	8484	8799	0.010	3.7	15.0	
	25 Heptachlor	9690	10369	0.010	7.0	15.0	
	2 Aldrin	8433	9165	0.010	8.7	15.0	
	26 Heptachlor Epoxide	8241	8957	0.010	8.7	15.0	
	24 Gamma-Chlordane	7960	8678	0.010	9.0	15.0	
	4 Alpha-Chlordane	7788	8602	0.010	10.5	15.0	
	17 Endosulfan I	7239	8127	0.010	12.3	15.0	
	13 4,4'-DDE	6479	7453	0.010	15.0	15.0	<- HIGH
	16 Dieldrin	7651	8633	0.010	12.8	15.0	
	20 Endrin	6015	6787	0.010	12.8	15.0	
	12 4,4'-DDD	5531	6552	0.010	18.5	15.0	<- > HIGH
	18 Endosulfan II	6587	7647	0.010	16.1	15.0	<-
	14 4,4'-DDT	4797	5308	0.010	10.6	15.0	
	21 Endrin Aldehyde	5236	6034	0.010	15.2	15.0	<- HIGH
	19 Endosulfan Sulfate	5726	6481	0.010	13.2	15.0	
	27 Methoxychlor	2399	2459	0.010	2.5	15.0	
	22 Endrin Ketone	6989	7648	0.010	9.4	15.0	
$	37 DCB	3933	3285	0.010	-16.5	15.0	<- Low

C 12/13 V

NA

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 03-DEC-2006 07:30
Lab File ID: 038F3801.D Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 19:32
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82F.m

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D	
$	36 TCMX	7673	7881	0.010	2.7	15.0	
	3 Alpha-BHC	11362	11470	0.010	1.0	15.0	
	23 Gamma-BHC	10063	10468	0.010	4.0	15.0	
	5 Beta-BHC	4898	4959	0.010	1.3	15.0	
	15 Delta-BHC	9773	10103	0.010	3.4	15.0	
	25 Heptachlor	9348	9641	0.010	3.1	15.0	
	2 Aldrin	9382	9581	0.010	2.1	15.0	
	26 Heptachlor Epoxide	8787	9150	0.010	4.1	15.0	
	24 Gamma-Chlordane	8516	8840	0.010	3.8	15.0	
	4 Alpha-Chlordane	8372	8774	0.010	4.8	15.0	
	13 4,4'-DDE	7522	7889	0.010	4.9	15.0	
	17 Endosulfan I	8321	8615	0.010	3.5	15.0	
	16 Dieldrin	7999	8585	0.010	7.3	15.0	
	20 Endrin	5909	6414	0.010	8.5	15.0	
	12 4,4'-DDD	5854	6355	0.010	8.6	15.0	
	18 Endosulfan II	6940	7456	0.010	7.4	15.0	
	14 4,4'-DDT	5077	5582	0.010	9.9	15.0	
	21 Endrin Aldehyde	5473	5985	0.010	9.3	15.0	
	27 Methoxychlor	25.00000	31.25243	0.010	-25.0	15.0	<- #1 GH
	19 Endosulfan Sulfate	6067	6665	0.010	9.9	15.0	
	22 Endrin Ketone	6751	7722	0.010	14.4	15.0	
$	37 DCB	4269	4567	0.010	7.0	15.0	

J.H. 12.4.06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ecd3.i Injection Date: 03-DEC-2006 07:30
Lab File ID: 038R3801.D Init. Cal. Date(s): 22-SEP-2006 02-DEC-2006
Analysis Type: SOIL Init. Cal. Times: 14:42 19:32
Lab Sample ID: AB/Sur 25 #5990 Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\ecd3.i\120206.b\8081_82R.m

C 12/13/06

	COMPOUND	RRF	RF25	MIN RRF	%D	MAX %D
$	36 TCMX	6873	6948	0.010	1.1	15.0
	3 Alpha-BHC	10151	10268	0.010	1.2	15.0
	23 Gamma-BHC	9238	✓ 9415	0.010	1.9	15.0
	5 Beta-BHC	4461	4461	0.010	-0.0	15.0
	15 Delta-BHC	8484	8517	0.010	0.4	15.0
	25 Heptachlor	9690	9853	0.010	1.7	15.0
	2 Aldrin	8433	8643	0.010	2.5	15.0
	26 Heptachlor Epoxide	8241	8409	0.010	2.0	15.0
	24 Gamma-Chlordane	7960	8192	0.010	2.9	15.0
	4 Alpha-Chlordane	7788	8099	0.010	4.0	15.0
	17 Endosulfan I	7239	7629	0.010	5.4	15.0
	13 4,4'-DDE	6479	7128	0.010	10.0	15.0
	16 Dieldrin	7651	8121	0.010	6.1	15.0
	20 Endrin	6015	6463	0.010	7.4	15.0
	12 4,4'-DDD	5531	6149	0.010	11.2	15.0
	18 Endosulfan II	6587	7171	0.010	8.9	15.0
	14 4,4'-DDT	4797	5281	0.010	10.1	15.0
	21 Endrin Aldehyde	5236	5683	0.010	8.5	15.0
	19 Endosulfan Sulfate	5726	6251	0.010	9.2	15.0
	27 Methoxychlor	2399	2747	0.010	14.5	15.0
	22 Endrin Ketone	6989	7622	0.010	9.1	15.0
$	37 DCB	3933	4052	0.010	3.0	15.0

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/29/06 - 11/30/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

					SURROGATE RT FROM CONTINUING CALIBRATION S1 : 8.43 S2 : 19.01	
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/29/06	0843		
02	ZZZZZ	ZZZZZ	11/29/06	0910		
03	ZZZZZ	ZZZZZ	11/29/06	0938		
04	ZZZZZ	ZZZZZ	11/29/06	1012		
05		AB/SUR 200#5	11/29/06	1125	8.43	19.01
06		AB/SUR 100#5	11/29/06	1153	8.42	19.01
07		AB/SUR 50 #5	11/29/06	1220	8.42	19.01
08		AB/SUR 25 #5	11/29/06	1248	8.43	19.01
09		AB/SUR 10 #5	11/29/06	1316	8.43	19.02
10		AB/SUR 5 #56	11/29/06	1343	8.43	19.02
11		AB/SUR 1 #57	11/29/06	1411	8.44	19.02
12		AB ICV 25 #5	11/29/06	1438	8.43	19.01
13		CHLOR 5PPB #	11/29/06	1506		
14		TOX 100PPB #	11/29/06	1534		
15		AB/SUR 25 #5	11/29/06	1601	8.43	19.01
16	S2-SD-01-00-	0611108-01	11/29/06	1752	8.40	19.01
17	S2-SD-02-00-	0611108-02	11/29/06	1819	8.40	19.01
18	S2-SD-03-00-	0611108-03	11/29/06	1847	8.40	19.01
19	S2-SD-04-00-	0611108-04	11/29/06	1915	8.40	19.01
20	S2-SD-04-00-	0611108-04MS	11/29/06	1942	8.40	19.01
21	S2-SD-04-00-	0611108-04MS	11/29/06	2010	8.40	19.01
22	S2-SD-05-00-	0611108-05	11/29/06	2037	8.40	19.01
23	S2-SD-06-00-	0611108-06	11/29/06	2105	8.40	19.01
24	S2-SD-07-00-	0611108-07	11/29/06	2133	8.40	19.01
25	S2-SD-08-00-	0611108-08	11/29/06	2200	8.40	19.01
26	S2-SD-09-00-	0611108-09	11/29/06	2228	8.40	19.01
27		AB/SUR 25 #5	11/29/06	2256	8.42	19.01
28	S2-SD-10-00-	0611108-10	11/29/06	2323	8.40	19.01
29	S1-SD-10-00-	0611108-11	11/29/06	2351	8.42	19.01
30	S1-SD-11-00-	0611108-12	11/30/06	0018	8.41	19.00
31	S2-SD-11-00-	0611108-13	11/30/06	0046	8.40	19.01
32	S2-SD-12-00-	0611108-14	11/30/06	0114	8.40	19.01

	QC LIMITS
S1 = TCMX	(+/- 0.03 MINUTES)
S2 = DCB	(+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 11/29/06 - 11/30/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 8.43 S2 : 19.01					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	S2-SD-13-00-	0611108-15	11/30/06	0141	8.40	19.00
02	S5-SD-06-00-	0611108-16	11/30/06	0209	8.41	19.01
03	S5-SD-07-00-	0611108-17	11/30/06	0236	8.41	19.01
04	S1-SD-12-00-	0611108-22	11/30/06	0304	8.41	19.00
05	S1-SD-13-00-	0611108-23	11/30/06	0332	8.41	19.01
06		AB/SUR 25 #5	11/30/06	0359	8.41	19.01
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 12/02/06 -12/03/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

		SURROGATE RT FROM CONTINUING CALIBRATION S1 : 8.42 S2 : 19.00				
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #6000	12/02/06	1456		
02		AB/SUR 200#5	12/02/06	1523	8.42	19.00
03		AB/SUR 100#5	12/02/06	1551	8.42	19.01
04		AB/SUR 50 #5	12/02/06	1618	8.42	19.01
05		AB/SUR 25 #5	12/02/06	1646	8.42	19.01
06		AB/SUR 10 #5	12/02/06	1714	8.42	19.01
07		AB/SUR 5 #56	12/02/06	1741	8.43	19.01
08		AB/SUR 1 #57	12/02/06	1809	8.43	19.01
09		AB ICV 25 #5	12/02/06	1837	8.42	19.01
10		CHLOR 5PPB #	12/02/06	1904		
11		TOX 100PPB #	12/02/06	1932		
12		AB/SUR 25 #5	12/02/06	1959	8.42	19.00
13	PS1BLK1118	PS1BLK1118	12/02/06	2027	8.42	19.00
14	PS1BLK1118LC	PS1BLK1118LC	12/02/06	2055	8.42	19.01
15	S2-SD-01-00-	0611108-01DL	12/02/06	2122	8.41	19.01
16	S2-SD-02-00-	0611108-02DL	12/02/06	2150	8.41	19.01
17	S2-SD-03-00-	0611108-03DL	12/02/06	2218	8.41	19.01
18	S2-SD-04-00-	0611108-04DL	12/02/06	2245	8.41	19.01
19	S2-SD-05-00-	0611108-05DL	12/03/06	0008	8.41	19.01
20	S2-SD-06-00-	0611108-06DL	12/03/06	0036	8.42	19.01
21	S2-SD-07-00-	0611108-07DL	12/03/06	0103	8.41	19.01
22	S2-SD-08-00-	0611108-08DL	12/03/06	0131	8.42	19.01
23	S2-SD-09-00-	0611108-09DL	12/03/06	0159	8.41	19.01
24		AB/SUR 25 #5	12/03/06	0226	8.42	19.01
25	S2-SD-10-00-	0611108-10DL	12/03/06	0254	8.42	19.01
26	S1-SD-10-00-	0611108-11DL	12/03/06	0322	8.43	19.01
27	S1-SD-11-00-	0611108-12DL	12/03/06	0349	8.43	19.01
28	S2-SD-11-00-	0611108-13DL	12/03/06	0417	8.41	19.01
29	S2-SD-12-00-	0611108-14DL	12/03/06	0445	8.41	19.01
30	S2-SD-13-00-	0611108-15DL	12/03/06	0512	8.41	19.00
31	S5-SD-06-00-	0611108-16DL	12/03/06	0540	8.43	19.01
32	S5-SD-07-00-	0611108-17DL	12/03/06	0607	8.43	19.01

	QC LIMITS
S1 = TCMX	(+/- 0.03 MINUTES)
S2 = DCB	(+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLP ID: 0.32 (mm) Cont. Calib. Date(s): 12/02/06 -12/03/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 8.42 S2 : 19.00

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	S1-SD-12-00-	0611108-22DL	12/03/06	0635	8.43	19.01
02	S1-SD-13-00-	0611108-23DL	12/03/06	0703	8.43	19.00
03		AB/SUR 25 #5	12/03/06	0730	8.42	19.01
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS
S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/29/06 - 11/30/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.88 S2 : 19.00

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #5860	11/29/06	0843		
02	ZZZZZ	ZZZZZ	11/29/06	0910		
03	ZZZZZ	ZZZZZ	11/29/06	0938		
04	ZZZZZ	ZZZZZ	11/29/06	1012		
05		AB/SUR 200#5	11/29/06	1125	7.87	19.00
06		AB/SUR 100#5	11/29/06	1153	7.87	19.00
07		AB/SUR 50 #5	11/29/06	1220	7.87	19.00
08		AB/SUR 25 #5	11/29/06	1248	7.88	19.00
09		AB/SUR 10 #5	11/29/06	1316	7.88	19.00
10		AB/SUR 5 #56	11/29/06	1343	7.88	19.00
11		AB/SUR 1 #57	11/29/06	1411	7.88	19.00
12		AB ICV 25 #5	11/29/06	1438	7.88	19.00
13		CHLOR 5PPB #	11/29/06	1506		
14		TOX 100PPB #	11/29/06	1534		
15		AB/SUR 25 #5	11/29/06	1601	7.88	19.00
16	S2-SD-01-00-	0611108-01	11/29/06	1752	7.87	19.00
17	S2-SD-02-00-	0611108-02	11/29/06	1819	7.87	19.00
18	S2-SD-03-00-	0611108-03	11/29/06	1847	7.87	19.00
19	S2-SD-04-00-	0611108-04	11/29/06	1915	7.87	19.00
20	S2-SD-04-00-	0611108-04MS	11/29/06	1942	7.87	19.00
21	S2-SD-04-00-	0611108-04MS	11/29/06	2010	7.87	19.00
22	S2-SD-05-00-	0611108-05	11/29/06	2037	7.87	19.00
23	S2-SD-06-00-	0611108-06	11/29/06	2105	7.87	19.00
24	S2-SD-07-00-	0611108-07	11/29/06	2133	7.87	19.00
25	S2-SD-08-00-	0611108-08	11/29/06	2200	7.87	19.00
26	S2-SD-09-00-	0611108-09	11/29/06	2228	7.87	19.00
27		AB/SUR 25 #5	11/29/06	2256	7.87	19.00
28	S2-SD-10-00-	0611108-10	11/29/06	2323	7.87	19.00
29	S1-SD-10-00-	0611108-11	11/29/06	2351	7.87	19.00
30	S1-SD-11-00-	0611108-12	11/30/06	0018	7.87	19.00
31	S2-SD-11-00-	0611108-13	11/30/06	0046	7.87	19.00
32	S2-SD-12-00-	0611108-14	11/30/06	0114	7.87	19.00

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 11/29/06 - 11/30/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 7.88 S2 : 19.00					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	S2-SD-13-00-	0611108-15	11/30/06	0141	7.87	19.00
02	S5-SD-06-00-	0611108-16	11/30/06	0209	7.87	19.00
03	S5-SD-07-00-	0611108-17	11/30/06	0236	7.87	19.00
04	S1-SD-12-00-	0611108-22	11/30/06	0304	7.87	19.00
05	S1-SD-13-00-	0611108-23	11/30/06	0332	7.87	19.00
06		AB/SUR 25 #5	11/30/06	0359	7.87	19.00
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

	QC LIMITS
S1 = TCMX	(+/- 0.03 MINUTES)
S2 = DCB	(+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 12/02/06 -12/03/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.88 S2 : 19.00

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		P.E.M. #6000	12/02/06	1456		
02		AB/SUR 200#5	12/02/06	1523	7.88	19.00
03		AB/SUR 100#5	12/02/06	1551	7.88	19.00
04		AB/SUR 50 #5	12/02/06	1618	7.88	19.00
05		AB/SUR 25 #5	12/02/06	1646	7.88	19.00
06		AB/SUR 10 #5	12/02/06	1714	7.88	19.00
07		AB/SUR 5 #56	12/02/06	1741	7.88	19.00
08		AB/SUR 1 #57	12/02/06	1809	7.88	19.00
09		AB ICV 25 #5	12/02/06	1837	7.88	19.00
10		CHLOR 5PPB #	12/02/06	1904		
11		TOX 100PPB #	12/02/06	1932		
12		AB/SUR 25 #5	12/02/06	1959	7.88	19.00
13	PS1BLK1118	PS1BLK1118	12/02/06	2027	7.88	19.00
14	PS1BLK1118LC	PS1BLK1118LC	12/02/06	2055	7.88	19.00
15	S2-SD-01-00-	0611108-01DL	12/02/06	2122	7.88	19.00
16	S2-SD-02-00-	0611108-02DL	12/02/06	2150	7.88	19.00
17	S2-SD-03-00-	0611108-03DL	12/02/06	2218	7.88	19.00
18	S2-SD-04-00-	0611108-04DL	12/02/06	2245	7.88	19.00
19	S2-SD-05-00-	0611108-05DL	12/03/06	0008	7.88	19.00
20	S2-SD-06-00-	0611108-06DL	12/03/06	0036	7.88	19.00
21	S2-SD-07-00-	0611108-07DL	12/03/06	0103	7.88	19.00
22	S2-SD-08-00-	0611108-08DL	12/03/06	0131	7.88	19.00
23	S2-SD-09-00-	0611108-09DL	12/03/06	0159	7.88	19.00
24		AB/SUR 25 #5	12/03/06	0226	7.88	19.00
25	S2-SD-10-00-	0611108-10DL	12/03/06	0254	7.88	19.00
26	S1-SD-10-00-	0611108-11DL	12/03/06	0322	7.88	19.00
27	S1-SD-11-00-	0611108-12DL	12/03/06	0349	7.88	19.00
28	S2-SD-11-00-	0611108-13DL	12/03/06	0417	7.88	19.00
29	S2-SD-12-00-	0611108-14DL	12/03/06	0445	7.88	19.00
30	S2-SD-13-00-	0611108-15DL	12/03/06	0512	7.88	19.00
31	S5-SD-06-00-	0611108-16DL	12/03/06	0540	7.88	19.00
32	S5-SD-07-00-	0611108-17DL	12/03/06	0607	7.88	19.00

	QC LIMITS
S1 = TCMX	(+/- 0.03 MINUTES)
S2 = DCB	(+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Column: RTX-CLPII ID: 0.32 (mm) Cont. Calib. Date(s): 12/02/06 -12/03/06

Instrument ID: ECD3

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

SURROGATE RT FROM CONTINUING CALIBRATION
S1 : 7.88 S2 : 19.00

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	S1-SD-12-00-	0611108-22DL	12/03/06	0635	7.88	19.00
02	S1-SD-13-00-	0611108-23DL	12/03/06	0703	7.88	19.00
03		AB/SUR 25 #5	12/03/06	0730	7.88	19.00
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

S1 = TCMX (+/- 0.03 MINUTES)
S2 = DCB (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-01 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.98	14.97	15.03	13.62	
	2	14.67	14.65	14.71	12.58	7.9
4,4'-DDE	1	13.87	13.86	13.92	694.1	
	2	13.64	13.61	13.67	830.6	17.9
4,4'-DDT	1	15.46	15.44	15.50	3.623	
	2	15.23	15.20	15.26	10.45	97.0
Endrin	1	14.91	14.85	14.91	4.310	
	2	14.48	14.44	14.50	1.865	79.2
Endrin Aldehyde	1	16.05	16.02	16.08	2.712	
	2	15.48	15.42	15.48	2.301	16.4
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-01-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-01DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.88	13.86	13.92	654.0	
	2	13.64	13.61	13.67	781.2	17.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-02 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.98	14.97	15.03	8.567	
	2	14.67	14.65	14.71	7.789	9.5
4,4'-DDE	1	13.87	13.86	13.92	319.3	
	2	13.64	13.61	13.67	367.9	14.1
Endrin	1	14.91	14.85	14.91	3.394	
	2	14.48	14.44	14.50	1.386	84.0
Endrin Aldehyde	1	16.05	16.02	16.08	2.382	
	2	15.48	15.42	15.48	1.606	38.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-02-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-02DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	277.0	
	2	13.64	13.61	13.67	307.0	10.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-03 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.98	14.97	15.03	9.451	
	2	14.67	14.65	14.71	7.896	17.9
4,4'-DDE	1	13.87	13.86	13.92	403.1	
	2	13.64	13.61	13.67	460.6	13.3
Endrin	1	14.91	14.85	14.91	4.378	
	2	14.48	14.44	14.50	1.385	103.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-03-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-03DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	323.4	
	2	13.64	13.61	13.67	346.9	7.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-04 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	15.60	
	2	14.67	14.65	14.71	13.70	13.0
4,4'-DDE	1	13.87	13.86	13.92	501.1	
	2	13.64	13.61	13.67	603.1	18.5
4,4'-DDT	1	15.46	15.44	15.50	3.238	
	2	15.21	15.20	15.26	3.081	5.0
Endrin	1	14.91	14.85	14.91	4.500	
	2	14.48	14.44	14.50	2.096	72.9
Endrin Aldehyde	1	16.05	16.02	16.08	3.521	
	2	15.48	15.42	15.48	1.764	66.5
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-04-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-04DL Date(s) Analyzed: 12/02/06 12/02/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.88	13.86	13.92	386.6	
	2	13.64	13.61	13.67	449.8	15.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-05 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.87	13.86	13.92	154.1	
	2	13.64	13.61	13.67	173.4	11.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-05-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-05DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	144.8	
	2	13.64	13.61	13.67	150.0	3.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-06 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	11.66	
	2	14.67	14.65	14.71	8.562	30.6
4,4'-DDE	1	13.87	13.86	13.92	461.0	
	2	13.64	13.61	13.67	565.1	20.3
4,4'-DDT	1	15.46	15.44	15.50	3.428	
	2	15.23	15.20	15.26	7.736	77.2
Endosulfan II	1	15.32	15.26	15.32	2.047	
	2	14.85	14.82	14.88	1.246	48.6
Endrin	1	14.91	14.85	14.91	4.260	
	2	14.48	14.44	14.50	1.167	114.0
Endrin Aldehyde	1	16.05	16.02	16.08	2.553	
	2	15.47	15.42	15.48	1.682	41.1
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-06-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-06DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.88	13.86	13.92	391.0	
	2	13.64	13.61	13.67	471.7	18.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SD-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-07 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	11.29	
	2	14.67	14.65	14.71	8.457	28.7
4,4'-DDE	1	13.87	13.86	13.92	377.8	
	2	13.64	13.61	13.67	473.9	22.6
4,4'-DDT	1	15.46	15.44	15.50	3.786	
	2	15.23	15.20	15.26	8.935	81.0
Endrin Aldehyde	1	16.05	16.02	16.08	2.453	
	2	15.48	15.42	15.48	2.169	12.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-07-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-07DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	344.4	
	2	13.64	13.61	13.67	401.5	15.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S2-SD-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-08 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	15.22	
	2	14.67	14.65	14.71	13.10	15.0
4,4'-DDE	1	13.87	13.86	13.92	515.2	
	2	13.64	13.61	13.67	623.2	19.0
Endrin	1	14.91	14.85	14.91	6.502	
	2	14.48	14.44	14.50	2.467	90.0
Endrin Aldehyde	1	16.05	16.02	16.08	4.432	
	2	15.48	15.42	15.48	3.126	34.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-08-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-08DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	413.0	
	2	13.64	13.61	13.67	463.7	11.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-09 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	10.57	
	2	14.67	14.65	14.71	8.285	24.2
4,4'-DDE	1	13.87	13.86	13.92	432.0	
	2	13.64	13.61	13.67	526.8	19.8
4,4'-DDT	1	15.46	15.44	15.50	3.869	
	2	15.23	15.20	15.26	8.922	79.0
Endrin	1	14.90	14.85	14.91	5.806	
	2	14.48	14.44	14.50	2.818	69.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-09-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-09DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	353.0	
	2	13.64	13.61	13.67	391.6	10.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-10 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	16.18	
	2	14.67	14.65	14.71	15.95	1.4
4,4'-DDE	1	13.87	13.86	13.92	17.62	
	2	13.64	13.61	13.67	20.25	13.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-10-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-10DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.91	13.86	13.92	18.59	
	2	13.64	13.61	13.67	17.08	8.5
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
S1-SD-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-11 Date(s) Analyzed: 11/29/06 11/29/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.98	14.97	15.03	2.354	
	2	14.67	14.65	14.71	1.901	21.3
4,4'-DDE	1	13.88	13.86	13.92	1.774	
	2	13.64	13.61	13.67	1.142	43.3
4,4'-DDT	1	15.47	15.44	15.50	1.982	
	2	15.23	15.20	15.26	3.558	56.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-12 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	6.903	
	2	14.67	14.65	14.71	6.810	1.4
4,4'-DDE	1	13.87	13.86	13.92	9.107	
	2	13.64	13.61	13.67	8.796	3.5
4,4'-DDT	1	15.46	15.44	15.50	6.478	
	2	15.23	15.20	15.26	6.377	1.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-13 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.87	13.86	13.92	379.4	
	2	13.64	13.61	13.67	469.8	21.3
4,4'-DDT	1	15.46	15.44	15.50	3.448	
	2	15.23	15.20	15.26	9.939	97.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-11-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-13DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	15.01	14.95	15.01	91.71	
	2	14.68	14.65	14.71	79.17	14.7
4,4'-DDE	1	13.90	13.86	13.92	250.7	
	2	13.64	13.61	13.67	260.2	3.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-14 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.87	13.86	13.92	913.9	
	2	13.64	13.61	13.67	1137	21.8
4,4'-DDT	1	15.46	15.44	15.50	3.563	
	2	15.23	15.20	15.26	17.94	133.7
Endrin	1	14.90	14.85	14.91	6.312	
	2	14.48	14.44	14.50	2.880	74.7
Endrin Aldehyde	1	16.05	16.02	16.08	5.558	
	2	15.48	15.42	15.48	3.286	51.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-12-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-14DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	15.00	14.95	15.01	79.58	
	2	14.68	14.65	14.71	62.05	24.8
4,4'-DDE	1	13.88	13.86	13.92	736.2	
	2	13.64	13.61	13.67	885.7	18.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-15 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.96	14.97	15.03	3348	
	2	14.67	14.65	14.71	3567	6.3
4,4'-DDE	1	13.87	13.86	13.92	1318	
	2	13.64	13.61	13.67	2306	54.5
4,4'-DDT	1	15.46	15.44	15.50	60.04	
	2	15.22	15.20	15.26	74.72	21.8
Dieldrin	1	14.45	14.42	14.48	2.246	
	2	13.94	13.89	13.95	25.39	167.5
Heptachlor Epoxide	1	13.24	13.24	13.30	322.6	
	2	12.71	12.68	12.74	2.986	196.3
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S2-SD-13-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-15DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.95	15.01	2679	
	2	14.67	14.65	14.71	2766	3.2
4,4'-DDE	1	13.87	13.86	13.92	1139	
	2	13.64	13.61	13.67	1995	54.6
4,4'-DDT	1	15.46	15.44	15.50	57.69	
	2	15.22	15.20	15.26	43.92	27.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-22 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.99	14.97	15.03	20.26	
	2	14.67	14.65	14.71	16.40	21.0
4,4'-DDE	1	13.87	13.86	13.92	19.66	
	2	13.64	13.61	13.67	17.85	9.6
4,4'-DDT	1	15.46	15.44	15.50	20.98	
	2	15.22	15.20	15.26	21.42	2.1
Endosulfan II	1	15.29	15.26	15.32	2.858	
	2	14.86	14.82	14.88	5.410	61.7
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-12-
00-1106DL

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-22DL Date(s) Analyzed: 12/03/06 12/03/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	13.89	13.86	13.92	8.930	
	2	13.64	13.61	13.67	7.722	14.5
4,4'-DDT	1	15.47	15.44	15.50	7.802	
	2	15.23	15.20	15.26	7.287	6.8
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.

S1-SD-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: [redacted] Case No.: KEYWEST04 SAS No.: NA SDG No.: KEYWEST04

Lab Sample ID: 0611108-23 Date(s) Analyzed: 11/30/06 11/30/06

Instrument ID (1): ECD3 Instrument ID (2): ECD3

Column(1): RTX-CLP ID: 0.32(mm) Column(2): RTX-CLPII ID: 0.32(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	14.97	14.97	15.03	3.771	
	2	14.67	14.65	14.71	3.739	0.8
4,4'-DDE	1	13.87	13.86	13.92	3.910	
	2	13.64	13.61	13.67	3.424	13.2
4,4'-DDT	1	15.46	15.44	15.50	1.582	
	2	15.22	15.20	15.26	1.358	15.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

PESTA

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 16, 2007**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SVOC/PEST**
CTO 044, NAS KEY WEST
SDG KEY WEST 05

SAMPLES: 19/Aqueous

S1-SW-10-00-1106	S1-SW-11-00-1106	S1-SW-12-00-1106	S1-SW-13-00-1106
S2-SW-01-00-1106	S2-SW-02-00-1106	S2-SW-03-00-1106	S2-SW-04-00-1106
S2-SW-05-00-1106	S2-SW-06-00-1106	S2-SW-07-00-1106	S2-SW-08-00-1106
S2-SW-09-00-1106	S2-SW-10-00-1106	S2-SW-11-00-1106	S2-SW-12-00-1106
S2-SW-13-00-1106	S5-SW-06-00-1106	S5-SW-07-00-1106	

OVERVIEW

The sample set for CTO 044 NAS Key West, SDG Key West 05 consists of nineteen (19) aqueous environmental samples. The samples were analyzed for semivolatile organic compounds (SVOC) and pesticides (PEST).

The samples were collected by TetraTech NUS on November 7, 8, and 9, 2006 and analyzed by Empirical Laboratories, LLC. All analyses were conducted in accordance with SW-846 Methods 8270C and 8081A analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
• Laboratory method blank results
• Matrix spike/Matrix spike duplicate results
* • Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Semivolatiles

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide on instrument BNA1. The non-detected results for 4-nitroquinoline-1-oxide in all samples have been rejected (UR).

Continuing calibration had a RRF less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide on instrument BNA1 on 11/16/06 @15:31. The non-detected results for 4-nitroquinoline-1-oxide in the associated samples have been rejected (UR).

Continuing calibration had RRFs less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide and hexachlorophene on instrument BNA1 on 11/17/06 @04:58. The non-detected results for 4-nitroquinoline-1-oxide and hexachlorophene in the associated samples have been rejected (UR).

The matrix spike / matrix spike duplicate performed on sample S2-SW-04-00-1106 had percent recoveries less than 10% for benzoic acid, 2,4-dinitrophenol, and pentachlorophenol. The non-detected results for the aforementioned compounds have been rejected (UR) for sample S2-SW-04-00-1106.

Pesticides

The following compounds were detected in the method blank:

Compound	Maximum Concentration	Blank Action Level
Heptachlor	0.010 ug/L	0.05 µg/L
Heptachlor epoxide	0.013 ug/L	0.07 ug/L

An action level of 5X the maximum concentration was used to establish blank action levels.
Sample aliquot and dilution factors were taken into consideration when applying the blank action levels. Positive results for heptachlor and heptachlor epoxide below the blank action level were qualified as non-detected, (U).

A calibration verification associated with the samples analyzed on 11/22/06 @07:40 had a %D that exceeded 30% for endrin on the primary column and exceeded 15% on the secondary column. No action was taken on this basis because all associated samples had non-detected results for endrin.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated (J), due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several SVOA compounds had percent RRF non-compliances. Two pesticides were detected in the method blank.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (October 1999), and Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM."

Tetra Tech NUS
Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS
Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-10-00-1106
samp_date	11/8/2006
lab_id	0611109-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1-SW-10-00-1106
samp_date	11/8/2006
lab_id	0611109-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-10-00-1106
samp_date	11/8/2006
lab_id	0611109-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	U	
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

nsample	S1-SW-10-00-1106
samp_date	11/8/2006
lab_id	0611109-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

nsample	S1-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S1-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S1-SW-12-00-1106
samp_date	11/9/2006
lab_id	0611109-18
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1-SW-12-00-1106
samp_date	11/9/2006
lab_id	0611109-18
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-12-00-1106
samp_date	11/9/2006
lab_id	0611109-18
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	UR	C
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

nsample	S1-SW-12-00-1106
samp_date	11/9/2006
lab_id	0611109-18
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S1-SW-13-00-1106
samp_date	11/9/2006
lab_id	0611109-19
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S1-SW-13-00-1106
samp_date	11/9/2006
lab_id	0611109-19
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S1-SW-13-00-1106
samp_date	11/9/2006
lab_id	0611109-19
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	UR	C
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

nsample	S1-SW-13-00-1106
samp_date	11/9/2006
lab_id	0611109-19
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

nsample	S2-SW-01-00-1106
samp_date	11/7/2006
lab_id	0611109-01
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-01-00-1106
samp_date	11/7/2006
lab_id	0611109-01
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-01-00-1106	nsample	S2-SW-01-00-1106	nsample	S2-SW-02-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-01	lab_id	0611109-01	lab_id	0611109-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	2.1	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-02-00-1106
samp_date	11/7/2006
lab_id	0611109-02
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-02-00-1106
samp_date	11/7/2006
lab_id	0611109-02
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-02-00-1106
samp_date	11/7/2006
lab_id	0611109-02
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-03-00-1106
samp_date	11/7/2006
lab_id	0611109-03
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	2.1	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-03-00-1106
samp_date	11/7/2006
lab_id	0611109-03
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-03-00-1106
samp_date	11/7/2006
lab_id	0611109-03
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-03-00-1106
samp_date	11/7/2006
lab_id	0611109-03
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S2-SW-04-00-1106
samp_date	11/7/2006
lab_id	0611109-04
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	UR	D
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	2	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-04-00-1106
samp_date	11/7/2006
lab_id	0611109-04
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	UR	D
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-04-00-1106
samp_date	11/7/2006
lab_id	0611109-04
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-04-00-1106
samp_date	11/7/2006
lab_id	0611109-04
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	UR	D
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S2-SW-05-00-1106
samp_date	11/7/2006
lab_id	0611109-05
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-05-00-1106
samp_date	11/7/2006
lab_id	0611109-05
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-05-00-1106
samp_date	11/7/2006
lab_id	0611109-05
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-05-00-1106
samp_date	11/7/2006
lab_id	0611109-05
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

nsample	S2-SW-06-00-1106
samp_date	11/7/2006
lab_id	0611109-06
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-06-00-1106
samp_date	11/7/2006
lab_id	0611109-06
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-06-00-1106
samp_date	11/7/2006
lab_id	0611109-06
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	U	
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

nsample	S2-SW-06-00-1106
samp_date	11/7/2006
lab_id	0611109-06
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

nsample	S2-SW-07-00-1106
samp_date	11/7/2006
lab_id	0611109-07
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.2	U	U	
1,2,4-TRICHLOROBENZENE	1.1	U	U	
1,2-DICHLOROBENZENE	1.1	U	U	
1,3,5-TRINITROBENZENE	3.2	U	U	
1,3-DICHLOROBENZENE	1.1	U	U	
1,3-DINITROBENZENE	3.2	U	U	
1,4-DICHLOROBENZENE	1.1	U	U	
1,4-NAPHTHOQUINONE	1.1	U	U	
1,4-PHENYLENEDIAMINE	1.1	U	U	
1-NAPHTHYLAMINE	1.1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1.1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1.1	U	U	
2,4,5-TRICHLOROPHENOL	1.1	U	U	
2,4,6-TRICHLOROPHENOL	1.1	U	U	
2,4-DICHLOROPHENOL	1.1	U	U	
2,4-DIMETHYLPHENOL	1.1	U	U	
2,4-DINITROPHENOL	11	U	U	
2,4-DINITROTOLUENE	1.1	U	U	
2,6-DICHLOROPHENOL	1.1	U	U	
2,6-DINITROTOLUENE	1.1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1.1	U	U	
2-CHLOROPHENOL	1.1	U	U	
2-METHYLNAPHTHALENE	1.1	U	U	
2-METHYLPHENOL	1.1	U	U	
2-NAPHTHYLAMINE	1.1	U	U	
2-NITROANILINE	1.1	U	U	
2-NITROPHENOL	1.1	U	U	
2-PICOLINE	7.4	U	U	
3,3'-DICHLOROBENZIDINE	1.1	U	U	
3,3'-DIMETHYLBENZIDINE	2.1	U	U	
3-METHYLCHOLANTHRENE	1.1	U	U	

nsample	S2-SW-07-00-1106
samp_date	11/7/2006
lab_id	0611109-07
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1.1	U	U	
3-NITROANILINE	1.1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1.1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1.1	U	U	
4-CHLORO-3-METHYLPHENOL	1.1	U	U	
4-CHLOROANILINE	1.1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1.1	U	U	
4-METHYLPHENOL	1.1	U	U	
4-NITROANILINE	1.1	U	U	
4-NITROPHENOL	5.3	U	U	
4-NITROQUINOLINE-1-OXIDE	1.1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1.1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1.1	U	U	
ACENAPHTHENE	1.1	U	U	
ACENAPHTHYLENE	1.1	U	U	
ACETOPHENONE	1.1	U	U	
ANILINE	1.1	U	U	
ANTHRACENE	1.1	U	U	
ARAMITE	1.1	U	U	
BENZO(A)ANTHRACENE	1.1	U	U	
BENZO(A)PYRENE	1.1	U	U	
BENZO(B)FLUORANTHENE	1.1	U	U	
BENZO(G,H,I)PERYLENE	1.1	U	U	
BENZO(K)FLUORANTHENE	1.1	U	U	
BENZOIC ACID	1.1	U	U	
BENZYL ALCOHOL	1.1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1.1	U	U	
BIS(2-CHLOROETHYL)ETHER	1.1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	U	
BUTYL BENZYL PHTHALATE	1.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-07-00-1106
samp_date	11/7/2006
lab_id	0611109-07
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1.1	U	U	
CHRYSENE	1.1	U	U	
DIALLATE	1.1	U	U	
DIBENZO(A,H)ANTHRACENE	1.1	U	U	
DIBENZOFURAN	1.1	U	U	
DIETHYL PHTHALATE	1.1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1.1	U	U	
DI-N-BUTYL PHTHALATE	1.1	U	U	
DI-N-OCTYL PHTHALATE	1.1	U	U	
DINOSEB	1.1	U	U	
DIPHENYLAMINE	1.1	U	U	
DISULFOTON	3.2	U	U	
ETHYL METHANE SULFONATE	1.1	U	U	
ETHYL PARATHION	3.2	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1.1	U	U	
FLUORENE	1.1	U	U	
HEXACHLOROBENZENE	1.1	U	U	
HEXACHLOROBUTADIENE	1.1	U	U	
HEXACHLOROCYCLOPENTADIENE	1.1	U	U	
HEXACHLOROETHANE	1.1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1.1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1.1	U	U	
ISOSAFROLE	1.1	U	U	
KEPONE	1.1	U	U	
METHAPYRILENE	1.1	U	U	
METHYL METHANE SULFONATE	1.1	U	U	
METHYL PARATHION	3.2	U	U	

nsample	S2-SW-07-00-1106
samp_date	11/7/2006
lab_id	0611109-07
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1.1	U	U	
NITROBENZENE	1.1	U	U	
N-NITROSODIETHYLAMINE	1.1	U	U	
N-NITROSODIMETHYLAMINE	1.1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1.1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.85	U	U	
N-NITROSODIPHENYLAMINE	1.1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1.1	U	U	
N-NITROSOPIPERIDINE	1.1	U	U	
N-NITROSOPYRROLIDINE	1.1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.2	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1.1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1.1	U	U	
PHENACETIN	1.1	U	U	
PHENANTHRENE	1.1	U	U	
PHENOL	1.1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1.1	U	U	
PYRENE	1.1	U	U	
PYRIDINE	1.1	U	U	
SAFROLE	1.1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S2-SW-08-00-1106
samp_date	11/7/2006
lab_id	0611109-08
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-08-00-1106
samp_date	11/7/2006
lab_id	0611109-08
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-08-00-1106
samp_date	11/7/2006
lab_id	0611109-08
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-08-00-1106
samp_date	11/7/2006
lab_id	0611109-08
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-09-00-1106		nsample	S2-SW-09-00-1106		nsample	S2-SW-09-00-1106	
samp_date	11/7/2006		samp_date	11/7/2006		samp_date	11/7/2006	
lab_id	0611109-09		lab_id	0611109-09		lab_id	0611109-09	
qc_type	NM		qc_type	NM		qc_type	NM	
units	UG/L		units	UG/L		units	UG/L	
Pct_Solids			Pct_Solids			Pct_Solids		
DUP_OF:			DUP_OF:			DUP_OF:		

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-09-00-1106	nsample	S2-SW-10-00-1106	nsample	S2-SW-10-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-09	lab_id	0611109-10	lab_id	0611109-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.1	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	43	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.1	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-10-00-1106	nsample	S2-SW-10-00-1106	nsample	S2-SW-11-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/8/2006
lab_id	0611109-10	lab_id	0611109-10	lab_id	0611109-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.1	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	U	
HEXACHLOROPROPENE	4.1	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.82	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.1	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.1	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.1	U	U	
PENTACHLOROETHANE	4.1	U	U	
PENTACHLORONITROBENZENE	4.1	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.1	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.1	U	U	
THIONAZIN	4.1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	44	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-13
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-13
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S2-SW-11-00-1106
samp_date	11/8/2006
lab_id	0611109-13
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-12-00-1106
samp_date	11/8/2006
lab_id	0611109-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	44	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

nsample	S2-SW-12-00-1106
samp_date	11/8/2006
lab_id	0611109-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S2-SW-12-00-1106
samp_date	11/8/2006
lab_id	0611109-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S2-SW-12-00-1106
samp_date	11/8/2006
lab_id	0611109-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S2-SW-13-00-1106
samp_date	11/8/2006
lab_id	0611109-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.2	U	U	
1,2,4-TRICHLOROBENZENE	1.1	U	U	
1,2-DICHLOROBENZENE	1.1	U	U	
1,3,5-TRINITROBENZENE	3.2	U	U	
1,3-DICHLOROBENZENE	1.1	U	U	
1,3-DINITROBENZENE	3.2	U	U	
1,4-DICHLOROBENZENE	1.1	U	U	
1,4-NAPHTHOQUINONE	1.1	U	U	
1,4-PHENYLENEDIAMINE	1.1	U	U	
1-NAPHTHYLAMINE	1.1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1.1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1.1	U	U	
2,4,5-TRICHLOROPHENOL	1.1	U	U	
2,4,6-TRICHLOROPHENOL	1.1	U	U	
2,4-DICHLOROPHENOL	1.1	U	U	
2,4-DIMETHYLPHENOL	1.1	U	U	
2,4-DINITROPHENOL	11	U	U	
2,4-DINITROTOLUENE	1.1	U	U	
2,6-DICHLOROPHENOL	1.1	U	U	
2,6-DINITROTOLUENE	1.1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1.1	U	U	
2-CHLOROPHENOL	1.1	U	U	
2-METHYLNAPHTHALENE	1.1	U	U	
2-METHYLPHENOL	1.1	U	U	
2-NAPHTHYLAMINE	1.1	U	U	
2-NITROANILINE	1.1	U	U	
2-NITROPHENOL	1.1	U	U	
2-PICOLINE	7.4	U	U	
3,3'-DICHLOROBENZIDINE	1.1	U	U	
3,3'-DIMETHYLBENZIDINE	45	U	U	
3-METHYLCHOLANTHRENE	1.1	U	U	

nsample	S2-SW-13-00-1106
samp_date	11/8/2006
lab_id	0611109-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1.1	U	U	
3-NITROANILINE	1.1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1.1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1.1	U	U	
4-CHLORO-3-METHYLPHENOL	1.1	U	U	
4-CHLOROANILINE	1.1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1.1	U	U	
4-METHYLPHENOL	1.1	U	U	
4-NITROANILINE	1.1	U	U	
4-NITROPHENOL	5.3	U	U	
4-NITROQUINOLINE-1-OXIDE	1.1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1.1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1.1	U	U	
ACENAPHTHENE	1.1	U	U	
ACENAPHTHYLENE	1.1	U	U	
ACETOPHENONE	1.1	U	U	
ANILINE	1.1	U	U	
ANTHRACENE	1.1	U	U	
ARAMITE	1.1	U	U	
BENZO(A)ANTHRACENE	1.1	U	U	
BENZO(A)PYRENE	1.1	U	U	
BENZO(B)FLUORANTHENE	1.1	U	U	
BENZO(G,H,I)PERYLENE	1.1	U	U	
BENZO(K)FLUORANTHENE	1.1	U	U	
BENZOIC ACID	1.1	U	U	
BENZYL ALCOHOL	1.1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1.1	U	U	
BIS(2-CHLOROETHYL)ETHER	1.1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	U	
BUTYL BENZYL PHTHALATE	1.1	U	U	

nsample	S2-SW-13-00-1106		nsample	S2-SW-13-00-1106		nsample	S5-SW-06-00-1106	
samp_date	11/8/2006		samp_date	11/8/2006		samp_date	11/8/2006	
lab_id	0611109-15		lab_id	0611109-15		lab_id	0611109-16	
qc_type	NM		qc_type	NM		qc_type	NM	
units	UG/L		units	UG/L		units	UG/L	
Pct_Solids			Pct_Solids			Pct_Solids		
DUP_OF:			DUP_OF:			DUP_OF:		

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1.1	U	U	
CHRYSENE	1.1	U	U	
DIALLATE	1.1	U	U	
DIBENZO(A,H)ANTHRACENE	1.1	U	U	
DIBENZOFURAN	1.1	U	U	
DIETHYL PHTHALATE	1.1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1.1	U	U	
DI-N-BUTYL PHTHALATE	1.1	U	U	
DI-N-OCTYL PHTHALATE	1.1	U	U	
DINOSEB	1.1	U	U	
DIPHENYLAMINE	1.1	U	U	
DISULFOTON	3.2	U	U	
ETHYL METHANE SULFONATE	1.1	U	U	
ETHYL PARATHION	3.2	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1.1	U	U	
FLUORENE	1.1	U	U	
HEXACHLOROBENZENE	1.1	U	U	
HEXACHLOROBUTADIENE	1.1	U	U	
HEXACHLOROCYCLOPENTADIENE	1.1	U	U	
HEXACHLOROETHANE	1.1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1.1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1.1	U	U	
ISOSAFROLE	1.1	U	U	
KEPONE	1.1	U	U	
METHAPYRILENE	1.1	U	U	
METHYL METHANE SULFONATE	1.1	U	U	
METHYL PARATHION	3.2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1.1	U	U	
NITROBENZENE	1.1	U	U	
N-NITROSODIETHYLAMINE	1.1	U	U	
N-NITROSODIMETHYLAMINE	1.1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1.1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.85	U	U	
N-NITROSODIPHENYLAMINE	1.1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1.1	U	U	
N-NITROSOPIPERIDINE	1.1	U	U	
N-NITROSOPYRROLIDINE	1.1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.2	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1.1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1.1	U	U	
PHENACETIN	1.1	U	U	
PHENANTHRENE	1.1	U	U	
PHENOL	1.1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1.1	U	U	
PYRENE	1.1	U	U	
PYRIDINE	1.1	U	U	
SAFROLE	1.1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3.1	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3.1	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3.1	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2.1	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7.3	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	44	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-06-00-1106
samp_date	11/8/2006
lab_id	0611109-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2.1	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5.2	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2.1	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

nsample	S5-SW-06-00-1106
samp_date	11/8/2006
lab_id	0611109-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4.2	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3.1	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3.1	U	U	
FAMPHUR	2.1	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	26	U	UR	C
HEXACHLOROPROPENE	4.2	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2.1	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3.1	U	U	

nsample	S5-SW-06-00-1106
samp_date	11/8/2006
lab_id	0611109-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.83	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4.2	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3.1	U	U	
O-TOLUIDINE	4.2	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4.2	U	U	
PENTACHLOROETHANE	4.2	U	U	
PENTACHLORONITROBENZENE	4.2	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4.2	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4.2	U	U	
THIONAZIN	4.2	U	U	

nsample	S5-SW-07-00-1106	nsample	S5-SW-07-00-1106	nsample	S5-SW-07-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611109-17	lab_id	0611109-17	lab_id	0611109-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	3	U	U	
1,2,4-TRICHLOROBENZENE	1	U	U	
1,2-DICHLOROBENZENE	1	U	U	
1,3,5-TRINITROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	1	U	U	
1,3-DINITROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	1	U	U	
1,4-NAPHTHOQUINONE	1	U	U	
1,4-PHENYLENEDIAMINE	1	U	U	
1-NAPHTHYLAMINE	1	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	U	
2,3,4,6-TETRACHLOROPHENOL	1	U	U	
2,4,5-TRICHLOROPHENOL	1	U	U	
2,4,6-TRICHLOROPHENOL	1	U	U	
2,4-DICHLOROPHENOL	1	U	U	
2,4-DIMETHYLPHENOL	1	U	U	
2,4-DINITROPHENOL	10	U	U	
2,4-DINITROTOLUENE	1	U	U	
2,6-DICHLOROPHENOL	1	U	U	
2,6-DINITROTOLUENE	1	U	U	
2-ACETYLAMINOFLUORENE	2	U	U	
2-CHLORONAPHTHALENE	1	U	U	
2-CHLOROPHENOL	1	U	U	
2-METHYLNAPHTHALENE	1	U	U	
2-METHYLPHENOL	1	U	U	
2-NAPHTHYLAMINE	1	U	U	
2-NITROANILINE	1	U	U	
2-NITROPHENOL	1	U	U	
2-PICOLINE	7	U	U	
3,3'-DICHLOROBENZIDINE	1	U	U	
3,3'-DIMETHYLBENZIDINE	42	U	U	
3-METHYLCHOLANTHRENE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
3-METHYLPHENOL	1	U	U	
3-NITROANILINE	1	U	U	
4,6-DINITRO-2-METHYLPHENOL	1	U	U	
4-AMINOBIPHENYL	2	U	U	
4-BROMOPHENYL PHENYL ETHER	1	U	U	
4-CHLORO-3-METHYLPHENOL	1	U	U	
4-CHLOROANILINE	1	U	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	U	
4-METHYLPHENOL	1	U	U	
4-NITROANILINE	1	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	1	U	UR	C
5-NITRO-O-TOLUIDINE	2	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	U	U	
A,A-DIMETHYLPHENETHYLAMINE	1	U	U	
ACENAPHTHENE	1	U	U	
ACENAPHTHYLENE	1	U	U	
ACETOPHENONE	1	U	U	
ANILINE	1	U	U	
ANTHRACENE	1	U	U	
ARAMITE	1	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	1	U	U	
BENZO(B)FLUORANTHENE	1	U	U	
BENZO(G,H,I)PERYLENE	1	U	U	
BENZO(K)FLUORANTHENE	1	U	U	
BENZOIC ACID	1	U	U	
BENZYL ALCOHOL	1	U	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	U	
BIS(2-CHLOROETHYL)ETHER	1	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	
BUTYL BENZYL PHTHALATE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
CHLOROBENZILATE	1	U	U	
CHRYSENE	1	U	U	
DIALLATE	1	U	U	
DIBENZO(A,H)ANTHRACENE	1	U	U	
DIBENZOFURAN	1	U	U	
DIETHYL PHTHALATE	1	U	U	
DIMETHOATE	4	U	U	
DIMETHYL PHTHALATE	1	U	U	
DI-N-BUTYL PHTHALATE	1	U	U	
DI-N-OCTYL PHTHALATE	1	U	U	
DINOSEB	1	U	U	
DIPHENYLAMINE	1	U	U	
DISULFOTON	3	U	U	
ETHYL METHANE SULFONATE	1	U	U	
ETHYL PARATHION	3	U	U	
FAMPHUR	2	U	U	
FLUORANTHENE	1	U	U	
FLUORENE	1	U	U	
HEXACHLOROBENZENE	1	U	U	
HEXACHLOROBUTADIENE	1	U	U	
HEXACHLOROCYCLOPENTADIENE	1	U	U	
HEXACHLOROETHANE	1	U	U	
HEXACHLOROPHENE	25	U	UR	C
HEXACHLOROPROPENE	4	U	U	
INDENO(1,2,3-CD)PYRENE	1	U	U	
ISODRIN	2	U	U	
ISOPHORONE	1	U	U	
ISOSAFROLE	1	U	U	
KEPONE	1	U	U	
METHAPYRILENE	1	U	U	
METHYL METHANE SULFONATE	1	U	U	
METHYL PARATHION	3	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: OS

nsample	S5-SW-07-00-1106
samp_date	11/8/2006
lab_id	0611109-17
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	1	U	U	
NITROBENZENE	1	U	U	
N-NITROSODIETHYLAMINE	1	U	U	
N-NITROSODIMETHYLAMINE	1	U	U	
N-NITROSO-DI-N-BUTYLAMINE	1	U	U	
N-NITROSO-DI-N-PROPYLAMINE	0.8	U	U	
N-NITROSODIPHENYLAMINE	1	U	U	
N-NITROSOMETHYLETHYLAMINE	4	U	U	
N-NITROSOMORPHOLINE	1	U	U	
N-NITROSOPIPERIDINE	1	U	U	
N-NITROSOPYRROLIDINE	1	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	3	U	U	
O-TOLUIDINE	4	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	1	U	U	
PENTACHLOROBENZENE	4	U	U	
PENTACHLOROETHANE	4	U	U	
PENTACHLORONITROBENZENE	4	U	U	
PENTACHLOROPHENOL	1	U	U	
PHENACETIN	1	U	U	
PHENANTHRENE	1	U	U	
PHENOL	1	U	U	
PHORATE	4	U	U	
PRONAMIDE	1	U	U	
PYRENE	1	U	U	
PYRIDINE	1	U	U	
SAFROLE	1	U	U	
SULFOTEPP	4	U	U	
THIONAZIN	4	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1-SW-10-00-1106	nsample	S1-SW-11-00-1106	nsample	S1-SW-12-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/9/2006
lab_id	0611109-11	lab_id	0611109-12	lab_id	0611109-18
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0059	I	J	P
DELTA-BHC	0.016	JN		
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.019			
HEPTACHLOR	0.01	JN	U	A
HEPTACHLOR EPOXIDE	0.024	JN	U	A
METHOXYCHLOR	0.0059	I	J	P
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0033	U	U	
METHOXYCHLOR	0.0073	I	J	P
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0064	IJ	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S1-SW-13-00-1106	nsample	S2-SW-01-00-1106	nsample	S2-SW-02-00-1106
samp_date	11/9/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-19	lab_id	0611109-01	lab_id	0611109-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0056	U	U	
4,4'-DDE	0.0056	U	U	
4,4'-DDT	0.0056	U	U	
ALDRIN	0.0037	U	U	
ALPHA-BHC	0.0037	U	U	
BETA-BHC	0.0037	U	U	
DELTA-BHC	0.0037	U	U	
DIELDRIN	0.0056	U	U	
ENDOSULFAN I	0.0037	U	U	
ENDOSULFAN II	0.0056	U	U	
ENDOSULFAN SULFATE	0.0056	U	U	
ENDRIN	0.0056	U	U	
ENDRIN ALDEHYDE	0.0056	U	U	
GAMMA-BHC (LINDANE)	0.0037	U	U	
HEPTACHLOR	0.0037	U	U	
HEPTACHLOR EPOXIDE	0.0037	U	U	
METHOXYCHLOR	0.0037	U	U	
TOXAPHENE	0.37	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0033	U	U	
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.0035	U	U	
HEPTACHLOR EPOXIDE	0.0035	U	U	
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S2-SW-03-00-1106	nsample	S2-SW-04-00-1106	nsample	S2-SW-05-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-03	lab_id	0611109-04	lab_id	0611109-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.0035	U	U	
HEPTACHLOR EPOXIDE	0.0035	U	U	
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0053	U	U	
4,4'-DDE	0.0053	U	U	
4,4'-DDT	0.0053	U	U	
ALDRIN	0.0035	U	U	
ALPHA-BHC	0.0035	U	U	
BETA-BHC	0.0035	U	U	
DELTA-BHC	0.0035	U	U	
DIELDRIN	0.0053	U	U	
ENDOSULFAN I	0.0035	U	U	
ENDOSULFAN II	0.0053	U	U	
ENDOSULFAN SULFATE	0.0053	U	U	
ENDRIN	0.0053	U	U	
ENDRIN ALDEHYDE	0.0053	U	U	
GAMMA-BHC (LINDANE)	0.0035	U	U	
HEPTACHLOR	0.0035	U	U	
HEPTACHLOR EPOXIDE	0.0035	U	U	
METHOXYCHLOR	0.0035	U	U	
TOXAPHENE	0.35	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S2-SW-06-00-1106	nsample	S2-SW-07-00-1106	nsample	S2-SW-08-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-06	lab_id	0611109-07	lab_id	0611109-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0054	U	U	
4,4'-DDE	0.0054	U	U	
4,4'-DDT	0.0054	U	U	
ALDRIN	0.0036	U	U	
ALPHA-BHC	0.0036	U	U	
BETA-BHC	0.0036	U	U	
DELTA-BHC	0.0036	U	U	
DIELDRIN	0.0054	U	U	
ENDOSULFAN I	0.0036	U	U	
ENDOSULFAN II	0.0054	U	U	
ENDOSULFAN SULFATE	0.0054	U	U	
ENDRIN	0.0054	U	U	
ENDRIN ALDEHYDE	0.0054	U	U	
GAMMA-BHC (LINDANE)	0.0036	U	U	
HEPTACHLOR	0.0036	U	U	
HEPTACHLOR EPOXIDE	0.0042	JN	U	A
METHOXYCHLOR	0.0036	U	U	
TOXAPHENE	0.36	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0091	IJ	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0051	U	U	
4,4'-DDE	0.0051	U	U	
4,4'-DDT	0.0051	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0051	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0051	U	U	
ENDOSULFAN SULFATE	0.0051	U	U	
ENDRIN	0.0051	U	U	
ENDRIN ALDEHYDE	0.0051	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S2-SW-09-00-1106	nsample	S2-SW-10-00-1106	nsample	S2-SW-11-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/8/2006
lab_id	0611109-09	lab_id	0611109-10	lab_id	0611109-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0052	U	U	
4,4'-DDE	0.0052	U	U	
4,4'-DDT	0.0052	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0052	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0052	U	U	
ENDOSULFAN SULFATE	0.0052	U	U	
ENDRIN	0.0052	U	U	
ENDRIN ALDEHYDE	0.0052	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.016	JN	U	A
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.004	I	U	A
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0033	U	U	
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S2-SW-12-00-1106	nsample	S2-SW-13-00-1106	nsample	S5-SW-06-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/8/2006
lab_id	0611109-14	lab_id	0611109-15	lab_id	0611109-16
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0033	U	U	
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.017	I	J	P
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0058	I	U	A
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.005	U	U	
4,4'-DDE	0.005	U	U	
4,4'-DDT	0.005	U	U	
ALDRIN	0.0033	U	U	
ALPHA-BHC	0.0033	U	U	
BETA-BHC	0.0033	U	U	
DELTA-BHC	0.0033	U	U	
DIELDRIN	0.005	U	U	
ENDOSULFAN I	0.0033	U	U	
ENDOSULFAN II	0.005	U	U	
ENDOSULFAN SULFATE	0.005	U	U	
ENDRIN	0.005	U	U	
ENDRIN ALDEHYDE	0.005	U	U	
GAMMA-BHC (LINDANE)	0.0033	U	U	
HEPTACHLOR	0.0033	U	U	
HEPTACHLOR EPOXIDE	0.0033	U	U	
METHOXYCHLOR	0.0033	U	U	
TOXAPHENE	0.33	U	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	S5-SW-07-00-1106
samp_date	11/8/2006
lab_id	0611109-17
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0052	U	U	
4,4'-DDE	0.0052	U	U	
4,4'-DDT	0.0052	U	U	
ALDRIN	0.0034	U	U	
ALPHA-BHC	0.0034	U	U	
BETA-BHC	0.0034	U	U	
DELTA-BHC	0.0034	U	U	
DIELDRIN	0.0052	U	U	
ENDOSULFAN I	0.0034	U	U	
ENDOSULFAN II	0.0052	U	U	
ENDOSULFAN SULFATE	0.0052	U	U	
ENDRIN	0.0052	U	U	
ENDRIN ALDEHYDE	0.0052	U	U	
GAMMA-BHC (LINDANE)	0.0034	U	U	
HEPTACHLOR	0.0034	U	U	
HEPTACHLOR EPOXIDE	0.0034	U	U	
METHOXYCHLOR	0.0034	U	U	
TOXAPHENE	0.34	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-01

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-01

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-01

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-01

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 18:27

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-02

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110902

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:48

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-02

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110902

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:48

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-02

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110902

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:48

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-02

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110902

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:48

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:02

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-03

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110903

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 09:19

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:37

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-03

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110903

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 09:19

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:37

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-03

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110903

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 09:19

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:37

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-03

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110903

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 09:19

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 19:37

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-04

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110904

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:06

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 20:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-04

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110904

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:06

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 20:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-04

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110904

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:06

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 20:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-04

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110904

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:06

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 20:13

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110905

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:35

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 21:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110905

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:35

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 21:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110905

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:35

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 21:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-05

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110905

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:35

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 21:58

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110906

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 22:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110906

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 22:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110906

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 22:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110906

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 22:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-07

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110907

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:09

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.1	5.3		U
208-96-8	Acenaphthylene	1.1	5.3		U
98-86-2	Acetophenone	1.1	5.3		U
53-96-3	2-Acetylaminofluorene	2.1	5.3		U
92-67-1	4-Aminobiphenyl	2.1	5.3		U
62-53-3	Aniline	1.1	5.3		U
140-57-8	Aramite	1.1	5.3		U
120-12-7	Anthracene	1.1	5.3		U
65-85-0	Benzoic acid	1.1	21		U
56-55-3	Benzo(a)anthracene	1.1	5.3		U
205-99-2	Benzo(b)fluoranthene	1.1	5.3		U
207-08-9	Benzo(k)fluoranthene	1.1	5.3		U
191-24-2	Benzo(g,h,i)perylene	1.1	5.3		U
50-32-8	Benzo(a)pyrene	1.1	5.3		U
100-51-6	Benzyl alcohol	1.1	5.3		U
111-91-1	bis(2-Chloroethoxy)methane	1.1	5.3		U
111-44-4	bis(2-Chloroethyl)ether	1.1	5.3		U
108-60-1	bis(2-Chloroisopropyl)ether	1.1	5.3		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.1	5.3		U
101-55-3	4-Bromophenyl-phenylether	1.1	5.3		U
85-68-7	Butylbenzylphthalate	1.1	5.3		U
106-47-8	4-Chloroaniline	1.1	5.3		U
510-15-6	Chlorobenzilate	1.1	5.3		U
59-50-7	4-Chloro-3-methylphenol	1.1	5.3		U
91-58-7	2-Chloronaphthalene	1.1	5.3		U
95-57-8	2-Chlorophenol	1.1	5.3		U
7005-72-3	4-Chlorophenyl-phenylether	1.1	5.3		U
218-01-9	Chrysene	1.1	5.3		U
2303-16-4	Diallate	1.1	5.3		U
53-70-3	Dibenz(a,h)anthracene	1.1	5.3		U
132-64-9	Dibenzofuran	1.1	5.3		U
91-94-1	3,3'-Dichlorobenzidine	1.1	5.3		U
106-46-7	1,4-Dichlorobenzene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-07

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110907

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:09

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.1	5.3		U
541-73-1	1,3-Dichlorobenzene	1.1	5.3		U
120-83-2	2,4-Dichlorophenol	1.1	5.3		U
87-65-0	2,6-Dichlorophenol	1.1	5.3		U
84-66-2	Diethylphthalate	1.1	5.3		U
60-51-5	Dimethoate	4.2	5.3		U
60-11-7	p-(Dimethylamino)azobenzene	1.1	5.3		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.1	5.3		U
119-93-7	3,3'-Dimethylbenzidine	45	45		U
122-09-8	a,a-Dimethyl-phenethylamine	1.1	5.3		U
105-67-9	2,4-Dimethylphenol	1.1	21		U
131-11-3	Dimethylphthalate	1.1	5.3		U
84-74-2	Di-n-butylphthalate	1.1	5.3		U
99-65-0	m-Dinitrobenzene	3.2	5.3		U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	21		U
51-28-5	2,4-Dinitrophenol	11	53		U
121-14-2	2,4-Dinitrotoluene	1.1	5.3		U
606-20-2	2,6-Dinitrotoluene	1.1	5.3		U
88-85-7	Dinoseb	1.1	5.3		U
117-84-0	Di-n-octylphthalate	1.1	5.3		U
122-39-4	Diphenylamine	1.1	5.3		U
298-04-4	Disulfoton	3.2	5.3		U
62-50-0	Ethyl methanesulfonate	1.1	5.3		U
52-85-7	Famphur	2.1	5.3		U
206-44-0	Fluoranthene	1.1	5.3		U
86-73-7	Fluorene	1.1	5.3		U
118-74-1	Hexachlorobenzene	1.1	5.3		U
87-68-3	Hexachlorobutadiene	1.1	5.3		U
77-47-4	Hexachlorocyclopentadiene	1.1	5.3		U
67-72-1	Hexachloroethane	1.1	5.3		U
70-30-4	Hexachlorophene	26	110		U
1888-71-7	Hexachloropropene	4.2	5.3		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-07

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110907

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:09

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.3		U
78-59-1	Isophorone	1.1	5.3		U
120-58-1	Isosafrole	1.1	5.3		U
143-50-0	Kepone	1.1	5.3		U
91-80-5	Methapyrilene	1.1	5.3		U
56-49-5	3-Methylcholanthrene	1.1	5.3		U
66-27-3	Methyl methanesulfonate	1.1	5.3		U
91-57-6	2-Methylnaphthalene	1.1	5.3		U
298-00-0	Methyl parathion	3.2	5.3		U
106-44-5	4-Methylphenol	1.1	5.3		U
91-20-3	Naphthalene	1.1	5.3		U
95-48-7	2-Methylphenol	1.1	5.3		U
108-39-4	3-Methylphenol	1.1	5.3		U
130-15-4	1,4-Naphthoquinone	1.1	5.3		U
134-32-7	1-Naphthylamine	1.1	5.3		U
91-59-8	2-Naphthylamine	1.1	5.3		U
88-74-4	2-Nitroaniline	1.1	21		U
99-09-2	3-Nitroaniline	1.1	21		U
100-01-6	4-Nitroaniline	1.1	21		U
98-95-3	Nitrobenzene	1.1	5.3		U
88-75-5	2-Nitrophenol	1.1	5.3		U
100-02-7	4-Nitrophenol	5.3	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.1	5.3		U
924-16-3	N-Nitrosodi-n-butylamine	1.1	5.3		U
55-18-5	N-Nitrosodiethylamine	1.1	5.3		U
62-75-9	N-Nitroso-di-methylamine	1.1	5.3		U
86-30-6	N-Nitrosodiphenylamine (1)	1.1	5.3		U
621-64-7	N-Nitroso-di-n-propylamine	0.85	5.3		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.3		U
59-89-2	N-Nitrosomorpholine	1.1	5.3		U
100-75-4	N-Nitrosopiperidine	1.1	5.3		U
930-55-2	N-Nitrosopyrrolidine	1.1	5.3		U
99-55-8	5-Nitro-o-toluidine	2.1	5.3		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-07

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110907

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:09

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.2	5.3		U
608-93-5	Pentachlorobenzene	4.2	5.3		U
76-01-7	Pentachloroethane	4.2	5.3		U
82-68-8	Pentachloronitrobenzene	4.2	5.3		U
87-86-5	Pentachlorophenol	1.1	21		U
62-44-2	Phenacetin	1.1	5.3		U
85-01-8	Phenanthrene	1.1	5.3		U
108-95-2	Phenol	1.1	5.3		U
106-50-3	p-Phenylenediamine	1.1	5.3		U
298-02-2	Phorate	4.2	5.3		U
109-06-8	2-Picoline	7.4	7.4		U
23950-58-5	Pronamide	1.1	5.3		U
129-00-0	Pyrene	1.1	5.3		U
110-86-1	Pyridine	1.1	21		U
94-59-7	Safrole	1.1	5.3		U
3689-24-5	Sulfotepp	4.2	5.3		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.2	5.3		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	5.3		U
297-97-2	Thionazin	4.2	5.3		U
95-53-4	o-Toluidine	4.2	5.3		U
120-82-1	1,2,4-Trichlorobenzene	1.1	5.3		U
95-95-4	2,4,5-Trichlorophenol	1.1	5.3		U
88-06-2	2,4,6-Trichlorophenol	1.1	5.3		U
126-68-1	O,O,O-Triethylphosphorothioa	3.2	5.3		U
99-35-4	sym-Trinitrobenzene	3.2	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110908

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:31

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110908

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:31

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110908

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:31

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110908

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:31

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/16/06 23:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-09

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110909

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-09

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110909

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-09

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110909

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-09

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110909

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-10

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110910

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 16:21

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-10

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110910

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 16:21

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-10

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110910

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 16:21

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-10

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110910

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 16:21

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 00:54

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-11

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110911

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:14

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 01:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-11

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110911

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:14

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 01:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-11

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110911

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:14

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 01:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-11

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110911

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:14

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 01:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/L CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-12

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110912

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 05:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.1		U
208-96-8	Acenaphthylene	1.0	5.1		U
98-86-2	Acetophenone	1.0	5.1		U
53-96-3	2-Acetylaminofluorene	2.0	5.1		U
92-67-1	4-Aminobiphenyl	2.0	5.1		U
62-53-3	Aniline	1.0	5.1		U
140-57-8	Aramite	1.0	5.1		U
120-12-7	Anthracene	1.0	5.1		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.1		U
205-99-2	Benzo(b)fluoranthene	1.0	5.1		U
207-08-9	Benzo(k)fluoranthene	1.0	5.1		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.1		U
50-32-8	Benzo(a)pyrene	1.0	5.1		U
100-51-6	Benzyl alcohol	1.0	5.1		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.1		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.1		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.1		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.1		U
85-68-7	Butylbenzylphthalate	1.0	5.1		U
106-47-8	4-Chloroaniline	1.0	5.1		U
510-15-6	Chlorobenzilate	1.0	5.1		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.1		U
91-58-7	2-Chloronaphthalene	1.0	5.1		U
95-57-8	2-Chlorophenol	1.0	5.1		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.1		U
218-01-9	Chrysene	1.0	5.1		U
2303-16-4	Diallate	1.0	5.1		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.1		U
132-64-9	Dibenzofuran	1.0	5.1		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.1		U
106-46-7	1,4-Dichlorobenzene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-12

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110912

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 05:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.1		U
541-73-1	1,3-Dichlorobenzene	1.0	5.1		U
120-83-2	2,4-Dichlorophenol	1.0	5.1		U
87-65-0	2,6-Dichlorophenol	1.0	5.1		U
84-66-2	Diethylphthalate	1.0	5.1		U
60-51-5	Dimethoate	4.1	5.1		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.1		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.1		U
119-93-7	3,3'-Dimethylbenzidine	43	43		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.1		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.1		U
84-74-2	Di-n-butylphthalate	1.0	5.1		U
99-65-0	m-Dinitrobenzene	3.1	5.1		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	51		U
121-14-2	2,4-Dinitrotoluene	1.0	5.1		U
606-20-2	2,6-Dinitrotoluene	1.0	5.1		U
88-85-7	Dinoseb	1.0	5.1		U
117-84-0	Di-n-octylphthalate	1.0	5.1		U
122-39-4	Diphenylamine	1.0	5.1		U
298-04-4	Disulfoton	3.1	5.1		U
62-50-0	Ethyl methanesulfonate	1.0	5.1		U
52-85-7	Famphur	2.0	5.1		U
206-44-0	Fluoranthene	1.0	5.1		U
86-73-7	Fluorene	1.0	5.1		U
118-74-1	Hexachlorobenzene	1.0	5.1		U
87-68-3	Hexachlorobutadiene	1.0	5.1		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.1		U
67-72-1	Hexachloroethane	1.0	5.1		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.1	5.1		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-12

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110912

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 05:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.1		U
78-59-1	Isophorone	1.0	5.1		U
120-58-1	Isosafrole	1.0	5.1		U
143-50-0	Kepone	1.0	5.1		U
91-80-5	Methapyrilene	1.0	5.1		U
56-49-5	3-Methylcholanthrene	1.0	5.1		U
66-27-3	Methyl methanesulfonate	1.0	5.1		U
91-57-6	2-Methylnaphthalene	1.0	5.1		U
298-00-0	Methyl parathion	3.1	5.1		U
106-44-5	4-Methylphenol	1.0	5.1		U
91-20-3	Naphthalene	1.0	5.1		U
95-48-7	2-Methylphenol	1.0	5.1		U
108-39-4	3-Methylphenol	1.0	5.1		U
130-15-4	1,4-Naphthoquinone	1.0	5.1		U
134-32-7	1-Naphthylamine	1.0	5.1		U
91-59-8	2-Naphthylamine	1.0	5.1		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.1		U
88-75-5	2-Nitrophenol	1.0	5.1		U
100-02-7	4-Nitrophenol	5.1	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.1		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.1		U
55-18-5	N-Nitrosodiethylamine	1.0	5.1		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.1		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.1		U
621-64-7	N-Nitroso-di-n-propylamine	0.82	5.1		U
10595-95-6	N-Nitrosomethylethylamine	4.1	5.1		U
59-89-2	N-Nitrosomorpholine	1.0	5.1		U
100-75-4	N-Nitrosopiperidine	1.0	5.1		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.1		U
99-55-8	5-Nitro-o-toluidine	2.0	5.1		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-12

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 1110912

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 05:33

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.1		U
608-93-5	Pentachlorobenzene	4.1	5.1		U
76-01-7	Pentachloroethane	4.1	5.1		U
82-68-8	Pentachloronitrobenzene	4.1	5.1		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.1		U
85-01-8	Phenanthrene	1.0	5.1		U
108-95-2	Phenol	1.0	5.1		U
106-50-3	p-Phenylenediamine	1.0	5.1		U
298-02-2	Phorate	4.1	5.1		U
109-06-8	2-Picoline	7.1	7.1		U
23950-58-5	Pronamide	1.0	5.1		U
129-00-0	Pyrene	1.0	5.1		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.1		U
3689-24-5	Sulfotepp	4.1	5.1		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.1		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.1		U
297-97-2	Thionazin	4.1	5.1		U
95-53-4	o-Toluidine	4.1	5.1		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.1		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.1		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.1		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.1		U
99-35-4	sym-Trinitrobenzene	3.1	5.1		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-13

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110913

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-13

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110913

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-13

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110913

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-13

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110913

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:08

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-14

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110914

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-14

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110914

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-14

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110914

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-14

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110914

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 06:43

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-15

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110915

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 09:53

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.1	5.3		U
208-96-8	Acenaphthylene	1.1	5.3		U
98-86-2	Acetophenone	1.1	5.3		U
53-96-3	2-Acetylaminofluorene	2.1	5.3		U
92-67-1	4-Aminobiphenyl	2.1	5.3		U
62-53-3	Aniline	1.1	5.3		U
140-57-8	Aramite	1.1	5.3		U
120-12-7	Anthracene	1.1	5.3		U
65-85-0	Benzoic acid	1.1	21		U
56-55-3	Benzo(a)anthracene	1.1	5.3		U
205-99-2	Benzo(b)fluoranthene	1.1	5.3		U
207-08-9	Benzo(k)fluoranthene	1.1	5.3		U
191-24-2	Benzo(g,h,i)perylene	1.1	5.3		U
50-32-8	Benzo(a)pyrene	1.1	5.3		U
100-51-6	Benzyl alcohol	1.1	5.3		U
111-91-1	bis(2-Chloroethoxy)methane	1.1	5.3		U
111-44-4	bis(2-Chloroethyl)ether	1.1	5.3		U
108-60-1	bis(2-Chloroisopropyl)ether	1.1	5.3		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.1	5.3		U
101-55-3	4-Bromophenyl-phenylether	1.1	5.3		U
85-68-7	Butylbenzylphthalate	1.1	5.3		U
106-47-8	4-Chloroaniline	1.1	5.3		U
510-15-6	Chlorobenzilate	1.1	5.3		U
59-50-7	4-Chloro-3-methylphenol	1.1	5.3		U
91-58-7	2-Chloronaphthalene	1.1	5.3		U
95-57-8	2-Chlorophenol	1.1	5.3		U
7005-72-3	4-Chlorophenyl-phenylether	1.1	5.3		U
218-01-9	Chrysene	1.1	5.3		U
2303-16-4	Diallate	1.1	5.3		U
53-70-3	Dibenz(a,h)anthracene	1.1	5.3		U
132-64-9	Dibenzofuran	1.1	5.3		U
91-94-1	3,3'-Dichlorobenzidine	1.1	5.3		U
106-46-7	1,4-Dichlorobenzene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-15

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110915

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 09:53

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.1	5.3		U
541-73-1	1,3-Dichlorobenzene	1.1	5.3		U
120-83-2	2,4-Dichlorophenol	1.1	5.3		U
87-65-0	2,6-Dichlorophenol	1.1	5.3		U
84-66-2	Diethylphthalate	1.1	5.3		U
60-51-5	Dimethoate	4.2	5.3		U
60-11-7	p-(Dimethylamino)azobenzene	1.1	5.3		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.1	5.3		U
119-93-7	3,3'-Dimethylbenzidine	45	45		U
122-09-8	a,a-Dimethyl-phenethylamine	1.1	5.3		U
105-67-9	2,4-Dimethylphenol	1.1	21		U
131-11-3	Dimethylphthalate	1.1	5.3		U
84-74-2	Di-n-butylphthalate	1.1	5.3		U
99-65-0	m-Dinitrobenzene	3.2	5.3		U
534-52-1	4,6-Dinitro-2-methylphenol	1.1	21		U
51-28-5	2,4-Dinitrophenol	11	53		U
121-14-2	2,4-Dinitrotoluene	1.1	5.3		U
606-20-2	2,6-Dinitrotoluene	1.1	5.3		U
88-85-7	Dinoseb	1.1	5.3		U
117-84-0	Di-n-octylphthalate	1.1	5.3		U
122-39-4	Diphenylamine	1.1	5.3		U
298-04-4	Disulfoton	3.2	5.3		U
62-50-0	Ethyl methanesulfonate	1.1	5.3		U
52-85-7	Famphur	2.1	5.3		U
206-44-0	Fluoranthene	1.1	5.3		U
86-73-7	Fluorene	1.1	5.3		U
118-74-1	Hexachlorobenzene	1.1	5.3		U
87-68-3	Hexachlorobutadiene	1.1	5.3		U
77-47-4	Hexachlorocyclopentadiene	1.1	5.3		U
67-72-1	Hexachloroethane	1.1	5.3		U
70-30-4	Hexachlorophene	26	110		U
1888-71-7	Hexachloropropene	4.2	5.3		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-15

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110915

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 09:53

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.3		U
78-59-1	Isophorone	1.1	5.3		U
120-58-1	Isosafrole	1.1	5.3		U
143-50-0	Kepone	1.1	5.3		U
91-80-5	Methapyrilene	1.1	5.3		U
56-49-5	3-Methylcholanthrene	1.1	5.3		U
66-27-3	Methyl methanesulfonate	1.1	5.3		U
91-57-6	2-Methylnaphthalene	1.1	5.3		U
298-00-0	Methyl parathion	3.2	5.3		U
106-44-5	4-Methylphenol	1.1	5.3		U
91-20-3	Naphthalene	1.1	5.3		U
95-48-7	2-Methylphenol	1.1	5.3		U
108-39-4	3-Methylphenol	1.1	5.3		U
130-15-4	1,4-Naphthoquinone	1.1	5.3		U
134-32-7	1-Naphthylamine	1.1	5.3		U
91-59-8	2-Naphthylamine	1.1	5.3		U
88-74-4	2-Nitroaniline	1.1	21		U
99-09-2	3-Nitroaniline	1.1	21		U
100-01-6	4-Nitroaniline	1.1	21		U
98-95-3	Nitrobenzene	1.1	5.3		U
88-75-5	2-Nitrophenol	1.1	5.3		U
100-02-7	4-Nitrophenol	5.3	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.1	5.3		U
924-16-3	N-Nitrosodi-n-butylamine	1.1	5.3		U
55-18-5	N-Nitrosodiethylamine	1.1	5.3		U
62-75-9	N-Nitroso-di-methylamine	1.1	5.3		U
86-30-6	N-Nitrosodiphenylamine (1)	1.1	5.3		U
621-64-7	N-Nitroso-di-n-propylamine	0.85	5.3		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.3		U
59-89-2	N-Nitrosomorpholine	1.1	5.3		U
100-75-4	N-Nitrosopiperidine	1.1	5.3		U
930-55-2	N-Nitrosopyrrolidine	1.1	5.3		U
99-55-8	5-Nitro-o-toluidine	2.1	5.3		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-15

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 1110915

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 09:53

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:18

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
56-38-2	Parathion	3.2	5.3		U
608-93-5	Pentachlorobenzene	4.2	5.3		U
76-01-7	Pentachloroethane	4.2	5.3		U
82-68-8	Pentachloronitrobenzene	4.2	5.3		U
87-86-5	Pentachlorophenol	1.1	21		U
62-44-2	Phenacetin	1.1	5.3		U
85-01-8	Phenanthrene	1.1	5.3		U
108-95-2	Phenol	1.1	5.3		U
106-50-3	p-Phenylenediamine	1.1	5.3		U
298-02-2	Phorate	4.2	5.3		U
109-06-8	2-Picoline	7.4	7.4		U
23950-58-5	Pronamide	1.1	5.3		U
129-00-0	Pyrene	1.1	5.3		U
110-86-1	Pyridine	1.1	21		U
94-59-7	Safrole	1.1	5.3		U
3689-24-5	Sulfotepp	4.2	5.3		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.2	5.3		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.1	5.3		U
297-97-2	Thionazin	4.2	5.3		U
95-53-4	o-Toluidine	4.2	5.3		U
120-82-1	1,2,4-Trichlorobenzene	1.1	5.3		U
95-95-4	2,4,5-Trichlorophenol	1.1	5.3		U
88-06-2	2,4,6-Trichlorophenol	1.1	5.3		U
126-68-1	O,O,O-Triethylphosphorothioa	3.2	5.3		U
99-35-4	sym-Trinitrobenzene	3.2	5.3		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S5-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-16

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110916

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.2		U
208-96-8	Acenaphthylene	1.0	5.2		U
98-86-2	Acetophenone	1.0	5.2		U
53-96-3	2-Acetylaminofluorene	2.1	5.2		U
92-67-1	4-Aminobiphenyl	2.1	5.2		U
62-53-3	Aniline	1.0	5.2		U
140-57-8	Aramite	1.0	5.2		U
120-12-7	Anthracene	1.0	5.2		U
65-85-0	Benzoic acid	1.0	21		U
56-55-3	Benzo(a)anthracene	1.0	5.2		U
205-99-2	Benzo(b)fluoranthene	1.0	5.2		U
207-08-9	Benzo(k)fluoranthene	1.0	5.2		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.2		U
50-32-8	Benzo(a)pyrene	1.0	5.2		U
100-51-6	Benzyl alcohol	1.0	5.2		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.2		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.2		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.2		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.2		U
85-68-7	Butylbenzylphthalate	1.0	5.2		U
106-47-8	4-Chloroaniline	1.0	5.2		U
510-15-6	Chlorobenzilate	1.0	5.2		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.2		U
91-58-7	2-Chloronaphthalene	1.0	5.2		U
95-57-8	2-Chlorophenol	1.0	5.2		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.2		U
218-01-9	Chrysene	1.0	5.2		U
2303-16-4	Diallate	1.0	5.2		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.2		U
132-64-9	Dibenzofuran	1.0	5.2		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.2		U
106-46-7	1,4-Dichlorobenzene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-16

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110916

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.2		U
541-73-1	1,3-Dichlorobenzene	1.0	5.2		U
120-83-2	2,4-Dichlorophenol	1.0	5.2		U
87-65-0	2,6-Dichlorophenol	1.0	5.2		U
84-66-2	Diethylphthalate	1.0	5.2		U
60-51-5	Dimethoate	4.2	5.2		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.2		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.2		U
119-93-7	3,3'-Dimethylbenzidine	44	44		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.2		U
105-67-9	2,4-Dimethylphenol	1.0	21		U
131-11-3	Dimethylphthalate	1.0	5.2		U
84-74-2	Di-n-butylphthalate	1.0	5.2		U
99-65-0	m-Dinitrobenzene	3.1	5.2		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	21		U
51-28-5	2,4-Dinitrophenol	10	52		U
121-14-2	2,4-Dinitrotoluene	1.0	5.2		U
606-20-2	2,6-Dinitrotoluene	1.0	5.2		U
88-85-7	Dinoseb	1.0	5.2		U
117-84-0	Di-n-octylphthalate	1.0	5.2		U
122-39-4	Diphenylamine	1.0	5.2		U
298-04-4	Disulfoton	3.1	5.2		U
62-50-0	Ethyl methanesulfonate	1.0	5.2		U
52-85-7	Famphur	2.1	5.2		U
206-44-0	Fluoranthene	1.0	5.2		U
86-73-7	Fluorene	1.0	5.2		U
118-74-1	Hexachlorobenzene	1.0	5.2		U
87-68-3	Hexachlorobutadiene	1.0	5.2		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.2		U
67-72-1	Hexachloroethane	1.0	5.2		U
70-30-4	Hexachlorophene	26	100		U
1888-71-7	Hexachloropropene	4.2	5.2		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-16

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110916

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.1	5.2		U
78-59-1	Isophorone	1.0	5.2		U
120-58-1	Isosafrole	1.0	5.2		U
143-50-0	Kepone	1.0	5.2		U
91-80-5	Methapyrilene	1.0	5.2		U
56-49-5	3-Methylcholanthrene	1.0	5.2		U
66-27-3	Methyl methanesulfonate	1.0	5.2		U
91-57-6	2-Methylnaphthalene	1.0	5.2		U
298-00-0	Methyl parathion	3.1	5.2		U
106-44-5	4-Methylphenol	1.0	5.2		U
91-20-3	Naphthalene	1.0	5.2		U
95-48-7	2-Methylphenol	1.0	5.2		U
108-39-4	3-Methylphenol	1.0	5.2		U
130-15-4	1,4-Naphthoquinone	1.0	5.2		U
134-32-7	1-Naphthylamine	1.0	5.2		U
91-59-8	2-Naphthylamine	1.0	5.2		U
88-74-4	2-Nitroaniline	1.0	21		U
99-09-2	3-Nitroaniline	1.0	21		U
100-01-6	4-Nitroaniline	1.0	21		U
98-95-3	Nitrobenzene	1.0	5.2		U
88-75-5	2-Nitrophenol	1.0	5.2		U
100-02-7	4-Nitrophenol	5.2	21		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.2		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.2		U
55-18-5	N-Nitrosodiethylamine	1.0	5.2		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.2		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.2		U
621-64-7	N-Nitroso-di-n-propylamine	0.83	5.2		U
10595-95-6	N-Nitrosomethylethylamine	4.2	5.2		U
59-89-2	N-Nitrosomorpholine	1.0	5.2		U
100-75-4	N-Nitrosopiperidine	1.0	5.2		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.2		U
99-55-8	5-Nitro-o-toluidine	2.1	5.2		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-16

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 1110916

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 07:53

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.1	5.2		U
608-93-5	Pentachlorobenzene	4.2	5.2		U
76-01-7	Pentachloroethane	4.2	5.2		U
82-68-8	Pentachloronitrobenzene	4.2	5.2		U
87-86-5	Pentachlorophenol	1.0	21		U
62-44-2	Phenacetin	1.0	5.2		U
85-01-8	Phenanthrene	1.0	5.2		U
108-95-2	Phenol	1.0	5.2		U
106-50-3	p-Phenylenediamine	1.0	5.2		U
298-02-2	Phorate	4.2	5.2		U
109-06-8	2-Picoline	7.3	7.3		U
23950-58-5	Pronamide	1.0	5.2		U
129-00-0	Pyrene	1.0	5.2		U
110-86-1	Pyridine	1.0	21		U
94-59-7	Safrole	1.0	5.2		U
3689-24-5	Sulfotepp	4.2	5.2		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.1	5.2		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.2		U
297-97-2	Thionazin	4.2	5.2		U
95-53-4	o-Toluidine	4.2	5.2		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.2		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.2		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.2		U
126-68-1	O,O,O-Triethylphosphorothioa	3.1	5.2		U
99-35-4	sym-Trinitrobenzene	3.1	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110917

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:56

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 08:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110917

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:56

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 08:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110917

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:56

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 08:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110917

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:56

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 08:29

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110918

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 07:41

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110918

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 07:41

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110918

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 07:41

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110918

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 07:41

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:04

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110919

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 08:16

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.0	5.0		U
208-96-8	Acenaphthylene	1.0	5.0		U
98-86-2	Acetophenone	1.0	5.0		U
53-96-3	2-Acetylaminofluorene	2.0	5.0		U
92-67-1	4-Aminobiphenyl	2.0	5.0		U
62-53-3	Aniline	1.0	5.0		U
140-57-8	Aramite	1.0	5.0		U
120-12-7	Anthracene	1.0	5.0		U
65-85-0	Benzoic acid	1.0	20		U
56-55-3	Benzo(a)anthracene	1.0	5.0		U
205-99-2	Benzo(b)fluoranthene	1.0	5.0		U
207-08-9	Benzo(k)fluoranthene	1.0	5.0		U
191-24-2	Benzo(g,h,i)perylene	1.0	5.0		U
50-32-8	Benzo(a)pyrene	1.0	5.0		U
100-51-6	Benzyl alcohol	1.0	5.0		U
111-91-1	bis(2-Chloroethoxy)methane	1.0	5.0		U
111-44-4	bis(2-Chloroethyl)ether	1.0	5.0		U
108-60-1	bis(2-Chloroisopropyl)ether	1.0	5.0		U
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U
101-55-3	4-Bromophenyl-phenylether	1.0	5.0		U
85-68-7	Butylbenzylphthalate	1.0	5.0		U
106-47-8	4-Chloroaniline	1.0	5.0		U
510-15-6	Chlorobenzilate	1.0	5.0		U
59-50-7	4-Chloro-3-methylphenol	1.0	5.0		U
91-58-7	2-Chloronaphthalene	1.0	5.0		U
95-57-8	2-Chlorophenol	1.0	5.0		U
7005-72-3	4-Chlorophenyl-phenylether	1.0	5.0		U
218-01-9	Chrysene	1.0	5.0		U
2303-16-4	Diallate	1.0	5.0		U
53-70-3	Dibenz(a,h)anthracene	1.0	5.0		U
132-64-9	Dibenzofuran	1.0	5.0		U
91-94-1	3,3'-Dichlorobenzidine	1.0	5.0		U
106-46-7	1,4-Dichlorobenzene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110919

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 08:16

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
95-50-1	1,2-Dichlorobenzene	1.0	5.0		U
541-73-1	1,3-Dichlorobenzene	1.0	5.0		U
120-83-2	2,4-Dichlorophenol	1.0	5.0		U
87-65-0	2,6-Dichlorophenol	1.0	5.0		U
84-66-2	Diethylphthalate	1.0	5.0		U
60-51-5	Dimethoate	4.0	5.0		U
60-11-7	p-(Dimethylamino)azobenzene	1.0	5.0		U
57-97-6	7,12-Dimethylbenz[a]anthrace	1.0	5.0		U
119-93-7	3,3'-Dimethylbenzidine	42	42		U
122-09-8	a,a-Dimethyl-phenethylamine	1.0	5.0		U
105-67-9	2,4-Dimethylphenol	1.0	20		U
131-11-3	Dimethylphthalate	1.0	5.0		U
84-74-2	Di-n-butylphthalate	1.0	5.0		U
99-65-0	m-Dinitrobenzene	3.0	5.0		U
534-52-1	4,6-Dinitro-2-methylphenol	1.0	20		U
51-28-5	2,4-Dinitrophenol	10	50		U
121-14-2	2,4-Dinitrotoluene	1.0	5.0		U
606-20-2	2,6-Dinitrotoluene	1.0	5.0		U
88-85-7	Dinoseb	1.0	5.0		U
117-84-0	Di-n-octylphthalate	1.0	5.0		U
122-39-4	Diphenylamine	1.0	5.0		U
298-04-4	Disulfoton	3.0	5.0		U
62-50-0	Ethyl methanesulfonate	1.0	5.0		U
52-85-7	Famphur	2.0	5.0		U
206-44-0	Fluoranthene	1.0	5.0		U
86-73-7	Fluorene	1.0	5.0		U
118-74-1	Hexachlorobenzene	1.0	5.0		U
87-68-3	Hexachlorobutadiene	1.0	5.0		U
77-47-4	Hexachlorocyclopentadiene	1.0	5.0		U
67-72-1	Hexachloroethane	1.0	5.0		U
70-30-4	Hexachlorophene	25	100		U
1888-71-7	Hexachloropropene	4.0	5.0		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	5.0		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110919

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 08:16

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
465-73-6	Isodrin	2.0	5.0		U
78-59-1	Isophorone	1.0	5.0		U
120-58-1	Isosafrole	1.0	5.0		U
143-50-0	Kepone	1.0	5.0		U
91-80-5	Methapyrilene	1.0	5.0		U
56-49-5	3-Methylcholanthrene	1.0	5.0		U
66-27-3	Methyl methanesulfonate	1.0	5.0		U
91-57-6	2-Methylnaphthalene	1.0	5.0		U
298-00-0	Methyl parathion	3.0	5.0		U
106-44-5	4-Methylphenol	1.0	5.0		U
91-20-3	Naphthalene	1.0	5.0		U
95-48-7	2-Methylphenol	1.0	5.0		U
108-39-4	3-Methylphenol	1.0	5.0		U
130-15-4	1,4-Naphthoquinone	1.0	5.0		U
134-32-7	1-Naphthylamine	1.0	5.0		U
91-59-8	2-Naphthylamine	1.0	5.0		U
88-74-4	2-Nitroaniline	1.0	20		U
99-09-2	3-Nitroaniline	1.0	20		U
100-01-6	4-Nitroaniline	1.0	20		U
98-95-3	Nitrobenzene	1.0	5.0		U
88-75-5	2-Nitrophenol	1.0	5.0		U
100-02-7	4-Nitrophenol	5.0	20		U
56-57-5	4-Nitroquinoline-1-oxide	1.0	5.0		U
924-16-3	N-Nitrosodi-n-butylamine	1.0	5.0		U
55-18-5	N-Nitrosodiethylamine	1.0	5.0		U
62-75-9	N-Nitroso-di-methylamine	1.0	5.0		U
86-30-6	N-Nitrosodiphenylamine (1)	1.0	5.0		U
621-64-7	N-Nitroso-di-n-propylamine	0.80	5.0		U
10595-95-6	N-Nitrosomethylethylamine	4.0	5.0		U
59-89-2	N-Nitrosomorpholine	1.0	5.0		U
100-75-4	N-Nitrosopiperidine	1.0	5.0		U
930-55-2	N-Nitrosopyrrolidine	1.0	5.0		U
99-55-8	5-Nitro-o-toluidine	2.0	5.0		U

(1) - Cannot be separated from Diphenylamine

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1110919

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 08:16

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/12/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 11/17/06 09:39

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L MDL	RL	CONC	Q
56-38-2	Parathion	3.0	5.0		U
608-93-5	Pentachlorobenzene	4.0	5.0		U
76-01-7	Pentachloroethane	4.0	5.0		U
82-68-8	Pentachloronitrobenzene	4.0	5.0		U
87-86-5	Pentachlorophenol	1.0	20		U
62-44-2	Phenacetin	1.0	5.0		U
85-01-8	Phenanthrene	1.0	5.0		U
108-95-2	Phenol	1.0	5.0		U
106-50-3	p-Phenylenediamine	1.0	5.0		U
298-02-2	Phorate	4.0	5.0		U
109-06-8	2-Picoline	7.0	7.0		U
23950-58-5	Pronamide	1.0	5.0		U
129-00-0	Pyrene	1.0	5.0		U
110-86-1	Pyridine	1.0	20		U
94-59-7	Safrole	1.0	5.0		U
3689-24-5	Sulfotepp	4.0	5.0		U
95-94-3	1,2,4,5-Tetrachlorobenzene	3.0	5.0		U
58-90-2	2,3,4,6-Tetrachlorophenol	1.0	5.0		U
297-97-2	Thionazin	4.0	5.0		U
95-53-4	o-Toluidine	4.0	5.0		U
120-82-1	1,2,4-Trichlorobenzene	1.0	5.0		U
95-95-4	2,4,5-Trichlorophenol	1.0	5.0		U
88-06-2	2,4,6-Trichlorophenol	1.0	5.0		U
126-68-1	O,O,O-Triethylphosphorothioa	3.0	5.0		U
99-35-4	sym-Trinitrobenzene	3.0	5.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-11

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 099F9901

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:14

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 16:16

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010	0.0059	I
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010	0.016	J3
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010	0.019	
76-44-8	Heptachlor	0.0033	0.010	0.010	J3V
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.024	J3V
72-43-5	Methoxychlor	0.0033	0.010	0.0059	I
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S1-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 100FA001

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 16:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 16:45

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010		U
72-43-5	Methoxychlor	0.0033	0.010	0.0073	I
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-18

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 106FA601

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 07:41

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 19:36

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.0064	IJ3V
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-19

Sample wt/vol: 900.0 (g/mL) ML Lab File ID: 107FA701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/09/06 08:16

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 20:05

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0037	0.011		U
319-84-6	Alpha-BHC	0.0037	0.011		U
319-85-7	Beta-BHC	0.0037	0.011		U
72-54-8	4,4'-DDD	0.0056	0.022		U
72-55-9	4,4'-DDE	0.0056	0.022		U
50-29-3	4,4'-DDT	0.0056	0.022		U
319-86-8	Delta-BHC	0.0037	0.011		U
60-57-1	Dieldrin	0.0056	0.022		U
959-98-8	Endosulfan I	0.0037	0.011		U
33213-65-9	Endosulfan II	0.0056	0.022		U
1031-07-8	Endosulfan Sulfate	0.0056	0.022		U
72-20-8	Endrin	0.0056	0.022		U
7421-93-4	Endrin Aldehyde	0.0056	0.022		U
58-89-9	Gamma-BHC	0.0037	0.011		U
76-44-8	Heptachlor	0.0037	0.011		U
1024-57-3	Heptachlor Epoxide	0.0037	0.011		U
72-43-5	Methoxychlor	0.0037	0.011		U
8001-35-2	Toxaphene	0.37	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-01
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-01

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: 085F8501

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 5.0(mL) Date Analyzed: 11/22/06 09:35

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010		U
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-02
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-02

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 086F8601

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 08:48

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 10:04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011		U
1024-57-3	Heptachlor Epoxide	0.0035	0.011		U
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-03
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-03

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 087F8701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 09:19

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 10:32

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-04
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-04

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 088F8801

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:06

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 11:01

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011		U
1024-57-3	Heptachlor Epoxide	0.0035	0.011		U
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-05
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-05

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: 091F9101

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:35

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 12:27

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0035	0.011		U
319-84-6	Alpha-BHC	0.0035	0.011		U
319-85-7	Beta-BHC	0.0035	0.011		U
72-54-8	4,4'-DDD	0.0053	0.021		U
72-55-9	4,4'-DDE	0.0053	0.021		U
50-29-3	4,4'-DDT	0.0053	0.021		U
319-86-8	Delta-BHC	0.0035	0.011		U
60-57-1	Dieldrin	0.0053	0.021		U
959-98-8	Endosulfan I	0.0035	0.011		U
33213-65-9	Endosulfan II	0.0053	0.021		U
1031-07-8	Endosulfan Sulfate	0.0053	0.021		U
72-20-8	Endrin	0.0053	0.021		U
7421-93-4	Endrin Aldehyde	0.0053	0.021		U
58-89-9	Gamma-BHC	0.0035	0.011		U
76-44-8	Heptachlor	0.0035	0.011		U
1024-57-3	Heptachlor Epoxide	0.0035	0.011		U
72-43-5	Methoxychlor	0.0035	0.011		U
8001-35-2	Toxaphene	0.35	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-06

Sample wt/vol: 920.0 (g/mL) ML Lab File ID: 092F9201

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 11:58

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 12:56

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0036	0.011		U
319-84-6	Alpha-BHC	0.0036	0.011		U
319-85-7	Beta-BHC	0.0036	0.011		U
72-54-8	4,4'-DDD	0.0054	0.022		U
72-55-9	4,4'-DDE	0.0054	0.022		U
50-29-3	4,4'-DDT	0.0054	0.022		U
319-86-8	Delta-BHC	0.0036	0.011		U
60-57-1	Dieldrin	0.0054	0.022		U
959-98-8	Endosulfan I	0.0036	0.011		U
33213-65-9	Endosulfan II	0.0054	0.022		U
1031-07-8	Endosulfan Sulfate	0.0054	0.022		U
72-20-8	Endrin	0.0054	0.022		U
7421-93-4	Endrin Aldehyde	0.0054	0.022		U
58-89-9	Gamma-BHC	0.0036	0.011		U
76-44-8	Heptachlor	0.0036	0.011		U
1024-57-3	Heptachlor Epoxide	0.0036	0.011	0.0042	J3VJ4
72-43-5	Methoxychlor	0.0036	0.011		U
8001-35-2	Toxaphene	0.36	1.1		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-07

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 093F9301

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:09

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 13:24

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.0091	IJ3V
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-08
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-08

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 094F9401

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:31

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 13:53

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0051	0.020		U
72-55-9	4,4'-DDE	0.0051	0.020		U
50-29-3	4,4'-DDT	0.0051	0.020		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0051	0.020		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0051	0.020		U
1031-07-8	Endosulfan Sulfate	0.0051	0.020		U
72-20-8	Endrin	0.0051	0.020		U
7421-93-4	Endrin Aldehyde	0.0051	0.020		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-09
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-09

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 097F9701

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 15:50

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 15:19

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0052	0.021		U
72-55-9	4,4'-DDE	0.0052	0.021		U
50-29-3	4,4'-DDT	0.0052	0.021		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0052	0.021		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0052	0.021		U
1031-07-8	Endosulfan Sulfate	0.0052	0.021		U
72-20-8	Endrin	0.0052	0.021		U
7421-93-4	Endrin Aldehyde	0.0052	0.021		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010	0.016	J3V
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-10
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-10

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 098F9801

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/07/06 16:21

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 15:48

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.0040	IV
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-11
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-13

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 101FA101

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:27

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 17:13

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010		U
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S2-SW-12
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-14

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 102FA201

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 08:45

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 17:42

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010		U
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S2-SW-13
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 103FA301

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 09:53

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 18:11

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020	0.017	I
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010	0.0058	IV
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-06
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 104FA401

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:43

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 18:39

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0033	0.010		U
319-84-6	Alpha-BHC	0.0033	0.010		U
319-85-7	Beta-BHC	0.0033	0.010		U
72-54-8	4,4'-DDD	0.0050	0.020		U
72-55-9	4,4'-DDE	0.0050	0.020		U
50-29-3	4,4'-DDT	0.0050	0.020		U
319-86-8	Delta-BHC	0.0033	0.010		U
60-57-1	Dieldrin	0.0050	0.020		U
959-98-8	Endosulfan I	0.0033	0.010		U
33213-65-9	Endosulfan II	0.0050	0.020		U
1031-07-8	Endosulfan Sulfate	0.0050	0.020		U
72-20-8	Endrin	0.0050	0.020		U
7421-93-4	Endrin Aldehyde	0.0050	0.020		U
58-89-9	Gamma-BHC	0.0033	0.010		U
76-44-8	Heptachlor	0.0033	0.010		U
1024-57-3	Heptachlor Epoxide	0.0033	0.010		U
72-43-5	Methoxychlor	0.0033	0.010		U
8001-35-2	Toxaphene	0.33	1.0		U

FORM 1
PESTA ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
S5-SW-07
-00-1106

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: Case No.: KEYWEST05 SAS No.: NA SDG No.: KEYWEST05

Matrix: (soil/water) WATER Lab Sample ID: 0611109-17

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 105FA501

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 11/08/06 11:56

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:11/10/06

Concentrated Extract Volume: 10.0(mL) Date Analyzed: 11/22/06 19:08

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
309-00-2	Aldrin	0.0034	0.010		U
319-84-6	Alpha-BHC	0.0034	0.010		U
319-85-7	Beta-BHC	0.0034	0.010		U
72-54-8	4,4'-DDD	0.0052	0.021		U
72-55-9	4,4'-DDE	0.0052	0.021		U
50-29-3	4,4'-DDT	0.0052	0.021		U
319-86-8	Delta-BHC	0.0034	0.010		U
60-57-1	Dieldrin	0.0052	0.021		U
959-98-8	Endosulfan I	0.0034	0.010		U
33213-65-9	Endosulfan II	0.0052	0.021		U
1031-07-8	Endosulfan Sulfate	0.0052	0.021		U
72-20-8	Endrin	0.0052	0.021		U
7421-93-4	Endrin Aldehyde	0.0052	0.021		U
58-89-9	Gamma-BHC	0.0034	0.010		U
76-44-8	Heptachlor	0.0034	0.010		U
1024-57-3	Heptachlor Epoxide	0.0034	0.010		U
72-43-5	Methoxychlor	0.0034	0.010		U
8001-35-2	Toxaphene	0.34	1.0		U

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JANUARY 16, 2007**

FROM: **MATTHEW D. KRAUS** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION –TAL METALS & TIN**
NAS KEY WEST – CTO 044
SAMPLE DELIVERY GROUP (SDG) – KEY WEST 05

SAMPLES: 23/Aqueous/

S1-SW-10-00-1106	S1-SW-11-00-1106	S1-SW-12-00-1106
S1-SW-13-00-1106	S2-SW-01-00-1106	S2-SW-02-00-1106
S2-SW-03-00-1106	S2-SW-04-00-1106	S2-SW-05-00-1106
S2-SW-06-00-1106	S2-SW-07-00-1106	S2-SW-08-00-1106
S2-SW-09-00-1106	S2-SW-10-00-1106	S2-SW-11-00-1106
S2-SW-12-00-1106	S2-SW-13-00-1106	S4-SW-01-00-1106
S4-SW-02-00-1106	S4-SW-03-00-1106	S4-SW-04-00-1106
S5-SW-06-00-1106	S5-SW-07-00-1106	

Overview

The sample set for NAS Key West, CTO 044, SDG KEYWEST 05, consists of twenty-three aqueous environmental samples.

All of the samples were analyzed for target analyte list (TAL) metals plus tin except for the "S4-SW" samples which were analyzed for antimony only. The samples were collected by Tetra Tech NUS on November 7-9, 2006 and analyzed by Empirical Laboratories. TAL analyses except mercury were conducted using method SW846 6010B. Mercury analyses were conducted using method SW846 7471A.

TAL metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodology. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
* • Laboratory Method/Preparation Blank Analyses
* • Detection Limits

* - All quality control criteria were met for this parameter.

Notes

Negative signal drift for manganese and zinc in several samples resulted in elevated detection limits of non-detected results for manganese and zinc in those samples.

A negative signal drift for selenium in sample S5-SW-06-00-1106 resulted in an elevated detection limit for the non-detected selenium result in that sample.

Executive Summary

Laboratory Performance: None.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Data Review", October 2004, and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Matthew D. Kraus
Environmental Chemist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C – Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-10-00-1106	nsample	S1-SW-11-00-1106	nsample	S1-SW-12-00-1106
samp_date	11/8/2006	samp_date	11/8/2006	samp_date	11/9/2006
lab_id	0611109-11	lab_id	0611109-12	lab_id	0611109-18
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50.7		
ANTIMONY	5	U	
ARSENIC	6.8		
BARIUM	20.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	311000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	696000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	295000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	5980000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	68.1		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	10.4		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	189000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	51.4		
LEAD	1.5	U	
MAGNESIUM	439000		
MANGANESE	6	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	197000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	3780000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	17	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	10.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	193000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	47.3		
LEAD	1.5	U	
MAGNESIUM	437000		
MANGANESE	4	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	197000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	3800000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	16	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S1-SW-13-00-1106	nsample	S2-SW-01-00-1106	nsample	S2-SW-02-00-1106
samp_date	11/9/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-19	lab_id	0611109-01	lab_id	0611109-02
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3.3		
BARIUM	79.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	553000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	12.3		
IRON	300	U	
LEAD	1.5	U	
MAGNESIUM	1380000		
MANGANESE	41.9		
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	436000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10700000		
THALLIUM	3		
TIN	10	U	
VANADIUM	5	U	
ZINC	50	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	231000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	574000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	235000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4640000		
THALLIUM	4		
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	230000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	575000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	234000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4620000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S2-SW-03-00-1106	nsample	S2-SW-04-00-1106	nsample	S2-SW-05-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-03	lab_id	0611109-04	lab_id	0611109-05
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.6		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	229000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	575000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	239000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4710000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	229000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	572000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	233000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4560000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.2		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	226000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	566000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	230000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4590000		
THALLIUM	4.4		
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S2-SW-06-00-1106	nsample	S2-SW-07-00-1106	nsample	S2-SW-08-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/7/2006
lab_id	0611109-06	lab_id	0611109-07	lab_id	0611109-08
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.2		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	228000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	569000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	232000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4660000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.5		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	231000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	577000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	235000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4690000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.1		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	224000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	560000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	228000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4610000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S2-SW-09-00-1106	nsample	S2-SW-10-00-1106	nsample	S2-SW-11-00-1106
samp_date	11/7/2006	samp_date	11/7/2006	samp_date	11/8/2006
lab_id	0611109-09	lab_id	0611109-10	lab_id	0611109-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	16.5		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	229000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	576000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	235000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4700000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	17.1		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	231000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	568000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	230000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	4780000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	13.8		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	160000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	68		
LEAD	1.5	U	
MAGNESIUM	354000		
MANGANESE	3	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	146000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	2880000		
THALLIUM	3.5		
TIN	10	U	
VANADIUM	5	U	
ZINC	13	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S2-SW-12-00-1106
samp_date	11/8/2006
lab_id	0611109-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	13.8		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	158000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	85		
LEAD	1.5	U	
MAGNESIUM	352000		
MANGANESE	3	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	144000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	2840000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	12	U	

nsample	S2-SW-13-00-1106
samp_date	11/8/2006
lab_id	0611109-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	14.4		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	187000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	44.7		
LEAD	1.5	U	
MAGNESIUM	443000		
MANGANESE	3	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	167000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	3560000		
THALLIUM	3	U	
TIN	10	U	
VANADIUM	5	U	
ZINC	15	U	

nsample	S4-SW-01-00-1106
samp_date	11/9/2006
lab_id	0611109-20
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	5	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S4-SW-02-00-1106	nsample	S4-SW-03-00-1106	nsample	S4-SW-04-00-1106
samp_date	11/9/2006	samp_date	11/9/2006	samp_date	11/9/2006
lab_id	0611109-21	lab_id	0611109-22	lab_id	0611109-23
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	5	U	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	5	U	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	5	U	

PROJ_NO: 00486

SDG: KEYWEST05 MEDIA: WATER DATA FRACTION: M

nsample	S5-SW-06-00-1106
samp_date	11/8/2006
lab_id	0611109-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	51.3		
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	10.3		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	422000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1270000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	453000		
SELENIUM	4	U	
SILVER	1	U	
SODIUM	10200000		
THALLIUM	3.4		
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

nsample	S5-SW-07-00-1106
samp_date	11/8/2006
lab_id	0611109-17
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50	U	
ANTIMONY	5	U	
ARSENIC	3	U	
BARIUM	10		
BERYLLIUM	0.25	U	
CADMIUM	1	U	
CALCIUM	417000		
CHROMIUM	2	U	
COBALT	5	U	
COPPER	3	U	
IRON	150	U	
LEAD	1.5	U	
MAGNESIUM	1260000		
MANGANESE	15	U	
MERCURY	0.08	U	
NICKEL	5	U	
POTASSIUM	447000		
SELENIUM	3	U	
SILVER	1	U	
SODIUM	10100000		
THALLIUM	3.8		
TIN	10	U	
VANADIUM	5	U	
ZINC	25	U	

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1-SW-10-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-11

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200	50.7	I		P
7440-38-2	Arsenic	3.0	10.0	6.8	I		P
7440-39-3	Barium	5.0	200	20.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-70-2	Calcium	5000	25000	311000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	295000			P
7439-95-4	Magnesium	5000	25000	696000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P
7440-23-5	Sodium	100000	500000	5980000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1-SW-10-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-11

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1-SW-11-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-12

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200	68.1	I		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	10.4	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100	51.4	I		P
7439-95-4	Magnesium	1000	5000	439000			P
7439-96-5	Manganese	6.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	17.0	20.0		U		P
7440-23-5	Sodium	100000	500000	3780000			P
7440-70-2	Calcium	5000	25000	189000			P
7440-09-7	Potassium	5000	25000	197000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S1-SW-11-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-12

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-18

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	10.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100	47.3	I		P
7439-95-4	Magnesium	1000	5000	437000			P
7439-96-5	Manganese	4.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	16.0	20.0		U		P
7440-23-5	Sodium	100000	500000	3800000			P
7440-70-2	Calcium	5000	25000	193000			P
7440-09-7	Potassium	5000	25000	197000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-18

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-19

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0	3.3	I		P
7440-39-3	Barium	5.0	200	79.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0	12.3	I		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	3.0	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	50000	250000	436000			P
7440-70-2	Calcium	10000	50000	553000			P
7439-89-6	Iron	300	1000		U		P
7439-95-4	Magnesium	10000	50000	1380000			P
7439-96-5	Manganese	30.0	150	41.9	I		P
7440-66-6	Zinc	50.0	200		U		P
7440-23-5	Sodium	200000	1000000	10700000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S1-SW-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-19

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-01-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-01

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	4.0	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4640000			P
7440-70-2	Calcium	5000	25000	231000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	235000			P
7439-95-4	Magnesium	5000	25000	574000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-01-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-01

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-02-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-02

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4620000			P
7440-70-2	Calcium	5000	25000	230000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	234000			P
7439-95-4	Magnesium	5000	25000	575000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-02-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-02

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-03-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-03

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.6	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4710000			P
7440-70-2	Calcium	5000	25000	229000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	239000			P
7439-95-4	Magnesium	5000	25000	575000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-03

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-04-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-04

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-70-2	Calcium	5000	25000	229000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	233000			P
7439-95-4	Magnesium	5000	25000	572000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P
7440-23-5	Sodium	100000	500000	4560000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-04

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-05-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-05

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.2	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	4.4	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4590000			P
7440-70-2	Calcium	5000	25000	226000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	230000			P
7439-95-4	Magnesium	5000	25000	566000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-05-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-05

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-06

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.2	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4660000			P
7440-70-2	Calcium	5000	25000	228000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	232000			P
7439-95-4	Magnesium	5000	25000	569000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-06

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-07-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-07

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.5	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4690000			P
7440-70-2	Calcium	5000	25000	231000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	235000			P
7439-95-4	Magnesium	5000	25000	577000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-07

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-08-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-08

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.1	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4610000			P
7440-70-2	Calcium	5000	25000	224000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	228000			P
7439-95-4	Magnesium	5000	25000	560000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-08-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-08

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-09-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-09

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	16.5	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	200000	1000000	4700000			P
7440-70-2	Calcium	5000	25000	229000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	235000			P
7439-95-4	Magnesium	5000	25000	576000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-09-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-09

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-10-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-10

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	17.1	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-23-5	Sodium	100000	500000	4780000			P
7440-70-2	Calcium	5000	25000	231000			P
7439-89-6	Iron	150	500		U		P
7440-09-7	Potassium	5000	25000	230000			P
7439-95-4	Magnesium	5000	25000	568000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-10-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-10

Level (low/med): LOW Date Sampled: 11/07/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-11-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-13

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	13.8	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100	68.0	I		P
7439-95-4	Magnesium	1000	5000	354000			P
7439-96-5	Manganese	3.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	3.5	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	13.0	20.0		U		P
7440-23-5	Sodium	50000	250000	2880000			P
7440-70-2	Calcium	2000	10000	160000			P
7440-09-7	Potassium	2000	10000	146000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-11-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-13

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-14

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	13.8	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100	85.0	I		P
7439-95-4	Magnesium	1000	5000	352000			P
7439-96-5	Manganese	3.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	12.0	20.0		U		P
7440-23-5	Sodium	50000	250000	2840000			P
7440-70-2	Calcium	2000	10000	158000			P
7440-09-7	Potassium	2000	10000	144000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-12-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-14

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S2-SW-13-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-15

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	14.4	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7439-89-6	Iron	30.0	100	44.7	I		P
7439-95-4	Magnesium	1000	5000	443000			P
7439-96-5	Manganese	3.0	15.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0		U		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-66-6	Zinc	15.0	20.0		U		P
7440-23-5	Sodium	100000	500000	3560000			P
7440-70-2	Calcium	5000	25000	187000			P
7440-09-7	Potassium	5000	25000	167000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S2-SW-13-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-15

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. | S4-SW-01-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-20

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	5.0	60.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SW-02-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-21

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	5.0	60.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

_____

_____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SW-03-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-22

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	5.0	60.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S4-SW-04-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-23

Level (low/med): LOW Date Sampled: 11/09/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-36-0	Antimony	5.0	60.0		U		P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5-SW-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-16

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200	51.3	I		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	10.3	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	4.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	3.4	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	25000	125000	453000			P
7440-70-2	Calcium	5000	25000	422000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1270000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P
7440-23-5	Sodium	200000	1000000	10200000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5-SW-06-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-16

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 6010B
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S5-SW-07-00-1106

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc.

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-17

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7440-22-4	Silver	1.0	10.0		U		P
7429-90-5	Aluminum	50.0	200		U		P
7440-38-2	Arsenic	3.0	10.0		U		P
7440-39-3	Barium	5.0	200	10.0	I		P
7440-41-7	Beryllium	0.25	5.0		U		P
7440-43-9	Cadmium	1.0	5.0		U		P
7440-48-4	Cobalt	5.0	50.0		U		P
7440-47-3	Chromium	2.0	10.0		U		P
7440-50-8	Copper	3.0	25.0		U		P
7440-02-0	Nickel	5.0	40.0		U		P
7439-92-1	Lead	1.5	3.0		U		P
7440-36-0	Antimony	5.0	60.0		U		P
7782-49-2	Selenium	3.0	5.0		U		P
7440-31-5	Tin	10.0	100		U		P
7440-28-0	Thallium	3.0	10.0	3.8	I		P
7440-62-2	Vanadium	5.0	50.0		U		P
7440-09-7	Potassium	25000	125000	447000			P
7440-70-2	Calcium	5000	25000	417000			P
7439-89-6	Iron	150	500		U		P
7439-95-4	Magnesium	5000	25000	1260000			P
7439-96-5	Manganese	15.0	75.0		U		P
7440-66-6	Zinc	25.0	100		U		P
7440-23-5	Sodium	200000	1000000	10100000			P

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

USEPA - 7470A
- 1 -
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Empirical Labs Contract: TetraTech NUS, Inc. S5-SW-07-00-1106

Lab Code: ELABN Case No.: SAS No.: SDG: KEYWEST05

Matrix: WATER Lab Sample ID: 0611109-17

Level (low/med): LOW Date Sampled: 11/08/06

% Solids: 0.0 Date Received: 11/10/06

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	MDL	PQL	Concentration	C	Q	M
7439-97-6	Mercury	0.080	0.20		U		AV

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: _____

Empirical Laboratories

APPENDIX C
SUPPORT DOCUMENTATION

Empirical Laboratories

[redacted]06	S2-SD-10-00-1106	16:24	SW-846 6020	S2-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108
11/07/2006	S2-SD-10-00-1106	16:24	SW-846 8081 / 8270C	S2-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	10
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 6020	S2-SW/SD-01	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-0
11/07/2006	S2-SW-01-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-01	SW	Pesticides / SVOCs	4°C	2	Glass	1L Amber	Run and report Salinity on sample. 2 of 3 bottles collected	
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 6020	S2-SW/SD-02	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-02-00-1106	08:48	SW-846 8081 / 8270C	S2-SW/SD-02	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		02
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 6020	S2-SW/SD-03	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-03-00-1106	09:19	SW-846 8081 / 8270C	S2-SW/SD-03	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		03
11/07/2006	S2-SW-04-00-1106	11:08	SW-846 6020	S2-SW/SD-04	SW	TAL Metals + Tin	4° C/HNO3	3	Plastic	500ml PE	Do MS/MSD	
11/07/2006	S2-SW-04-00-1106	11:08	SW-846 8081 / 8270C	S2-SW/SD-04	SW	Pesticides / SVOCs	4°C	9	Glass	1L Amber	Do MS/MSD	04
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 6020	S2-SW/SD-05	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-05-00-1106	11:35	SW-846 8081 / 8270C	S2-SW/SD-05	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		05
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 6020	S2-SW-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-06-00-1106	11:58	SW-846 8081 / 8270C	S2-SW-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		06
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 6020	S2-SW/SD-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-07-00-1106	15:09	SW-846 8081 / 8270C	S2-SW/SD-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		07
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 6020	S2-SW/SD-08	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-08-00-1106	15:31	SW-846 8081 / 8270C	S2-SW/SD-08	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		08
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 6020	S2-SW-09	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-09-00-1106	15:50	SW-846 8081 / 8270C	S2-SW-09	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		09
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 6020	S2-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/07/2006	S2-SW-10-00-1106	16:21	SW-846 8081 / 8270C	S2-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		10
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 6020	S1-SW/SD-10	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	061108-11
11/08/2006	S1-SD-10-00-1106	16:20	SW-846 8081 / 8270C	S1-SW/SD-10	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 6020	S1-SW/SD-11	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S1-SD-11-00-1106	16:48	SW-846 8081 / 8270C	S1-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	12
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 6020	S1-SW/SD-10	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		061109-11
11/08/2006	S1-SW-10-00-1106	16:14	SW-846 8081 / 8270C	S1-SW/SD-10	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		061109-11
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 6020	S1-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S1-SW-11-00-1106	16:43	SW-846 8081 / 8270C	S1-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		12

000017

Empirical Laboratories

	1106			11						cap		
11/08/2006	S2-SD-11-00-1106	08:31	SW-846 8081 / 8270C	S2-SW/SD-11	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 available	0611108-15
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 6020	S2-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-12-00-1106	08:58	SW-846 8081 / 8270C	S2-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	14
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 6020	S2-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S2-SD-13-00-1106	10:15	SW-846 8081 / 8270C	S2-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	15
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 6020	S2-SW/SD-11	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		0611109-13
11/08/2006	S2-SW-11-00-1106	08:27	SW-846 8081 / 8270C	S2-SW/SD-11	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 6020	S2-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S2-SW-12-00-1106	08:45	SW-846 8081 / 8270C	S2-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		14
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 6020	S2-SW/SD-13	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE	Run and report Salinity on sample	
11/08/2006	S2-SW-13-00-1106	09:53	SW-846 8081 / 8270C	S2-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		15
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 6020	S5-SW/SD-06	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	0611108-16
11/08/2006	S5-SD-06-00-1106	11:45	SW-846 8081 / 8270C	S5-SW/SD-06	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 6020	S5-SW/SD-07	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/08/2006	S5-SD-07-00-1106	11:58	SW-846 8081 / 8270C	S5-SW/SD-07	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	17
11/08/2006	S5-SS-01-00-1106	14:52	SW-846 6010B	S5-SS-01	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		
11/08/2006	S5-SS-02-00-1106	14:57	SW-846 6010B	S5-SS-02	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		18
11/08/2006	S5-SS-03-00-1106	14:59	SW-846 6010B	S5-SS-03	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		19
11/08/2006	S5-SS-04-00-1106	15:02	SW-846 6010B	S5-SS-04	SO	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		20
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 6020	S5-SW/SD-06	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		21
11/08/2006	S5-SW-06-00-1106	11:43	SW-846 8081 / 8270C	S5-SW/SD-06	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611109-16
11/08/2006	S5-SW-07-00-1106	11:56	SW-846 6020	S5-SW-07	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/08/2006	S5-SW-07-00-1106	11:56	SW-846 8081 / 8270C	S5-SW-07	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		17
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 6020	S1-SW/SD-12	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	0611108-22
11/09/2006	S1-SD-12-00-1106	07:51	SW-846 8081 / 8270C	S1-SW/SD-12	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 6020	S1-SW/SD-13	SD	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	
11/09/2006	S1-SD-13-00-1106	08:27	SW-846 8081 / 8270C	S1-SW/SD-13	SD	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	23
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 6020	S1-SW/SD-12	SW	TAL Metals + Tin	4° C/HNO3	1	Plastic	500ml PE		
11/09/2006	S1-SW-12-00-1106	07:41	SW-846 8081 / 8270C	S1-SW/SD-12	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber		0611109-18
11/09/2006	S1-SW-13-00-	08:16	SW-846 6020	S1-SW/SD-	SW	TAL Metals + Tin	4°	1	Plastic	500ml PE		

19

Empirical Laboratories

	S1-SW-13-00-1106	06:16	**SW-846 8081 / 8270C**	S1-SW/SD-13	SW	Pesticides / SVOCs	4°C	3	Glass	1L Amber	061109-19
11/09/2006	S4-SD-01-00-1106	09:32	**SW-846 6010B***	S4-SD-01	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	061108-24
11/09/2006	S4-SD-02-00-1106	09:49	**SW-846 6010B***	S4-SD-02	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	25
11/09/2006	S4-SD-03-00-1106	09:55	**SW-846 6010B***	S4-SD-03	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	26
11/09/2006	S4-SD-04-00-1106	10:05	**SW-846 6010B***	S4-SD-04	SD	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	27
11/09/2006	S4-SS-101-00-1106	10:34	**SW-846 6010B****	S4-SS-101	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	28
11/09/2006	S4-SS-102-00-1106	10:39	**SW-846 6010B****	S4-SS-102	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	29
11/09/2006	S4-SS-103-00-1106	10:43	**SW-846 6010B****	S4-SS-103	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	30
11/09/2006	S4-SS-104-00-1106	10:47	**SW-846 6010B****	S4-SS-104	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	31
11/09/2006	S4-SS-105-00-1106	10:50	**SW-846 6010B****	S4-SS-105	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	32
11/09/2006	S4-SS-106-00-1106	10:54	**SW-846 6010B****	S4-SS-106	SO	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	33
11/09/2006	S4-SW-01-00-1106	13:50	**SW-846 6010B**	S4-SW-01	SW	Antimony	4°C	1	Plastic	250ml PE	061109-20
11/09/2006	S4-SW-02-00-1106	14:02	**SW-846 6010B**	S4-SW-02	SW	Antimony	4°C	1	Plastic	250ml PE	21
11/09/2006	S4-SW-03-00-1106	14:15	**SW-846 6010B**	S4-SW-03	SW	Antimony	4°C	1	Plastic	250ml PE	22
11/09/2006	S4-SW-04-00-1106	14:25	**SW-846 6010B**	S4-SW-04	SW	Antimony	4°C	1	Plastic	250ml PE	23

1. Relinquished By: **John Wright**	Date: 11/09/2006	Time: 17:30	Received By: **Federal Express**	Date: 11/09/2006	Time: 17:30
2. Relinquished By:	Date:	Time:	Received By:	Date: 11-10-06	Time: 900
3. Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Comments: 2.5

HOLDTIME

SDG KEYWEST05

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	S2-SW-10-00-1106	0611109-10	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S5-SW-07-00-1106	0611109-17	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S5-SW-06-00-1106	0611109-16	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S2-SW-13-00-1106	0611109-15	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S2-SW-11-00-1106	0611109-13	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S1-SW-10-00-1106	0611109-11	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S2-SW-09-00-1106	0611109-09	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-08-00-1106	0611109-08	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-07-00-1106	0611109-07	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S1-SW-11-00-1106	0611109-12	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
HG	UG/L	S2-SW-05-00-1106	0611109-05	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-04-00-1106	0611109-04	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-03-00-1106	0611109-03	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-02-00-1106	0611109-02	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-01-00-1106	0611109-01	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	S1-SW-13-00-1106	0611109-19	NM	11/9/2006	11/27/2006	11/28/2006	18	1	19
HG	UG/L	S1-SW-12-00-1106	0611109-18	NM	11/9/2006	11/27/2006	11/28/2006	18	1	19
HG	UG/L	S2-SW-06-00-1106	0611109-06	NM	11/7/2006	11/27/2006	11/28/2006	20	1	21
HG	UG/L	S2-SW-12-00-1106	0611109-14	NM	11/8/2006	11/27/2006	11/28/2006	19	1	20
M	UG/L	S2-SW-12-00-1106	0611109-14	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S2-SW-11-00-1106	0611109-13	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S2-SW-11-00-1106	0611109-13	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S2-SW-10-00-1106	0611109-10	NM	11/7/2006	11/16/2006	12/11/2006	9	25	34
M	UG/L	S2-SW-10-00-1106	0611109-10	NM	11/7/2006	11/16/2006	11/27/2006	9	11	20
M	UG/L	S2-SW-09-00-1106	0611109-09	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-09-00-1106	0611109-09	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S2-SW-08-00-1106	0611109-08	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S2-SW-12-00-1106	0611109-14	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S2-SW-08-00-1106	0611109-08	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-13-00-1106	0611109-15	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S2-SW-13-00-1106	0611109-15	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S4-SW-01-00-1106	0611109-20	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18
M	UG/L	S4-SW-02-00-1106	0611109-21	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	S4-SW-03-00-1106	0611109-22	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18
M	UG/L	S4-SW-04-00-1106	0611109-23	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18
M	UG/L	S5-SW-06-00-1106	0611109-16	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S5-SW-06-00-1106	0611109-16	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S2-SW-07-00-1106	0611109-07	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S5-SW-07-00-1106	0611109-17	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S2-SW-04-00-1106	0611109-04	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S5-SW-07-00-1106	0611109-17	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S2-SW-01-00-1106	0611109-01	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S1-SW-10-00-1106	0611109-11	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S1-SW-10-00-1106	0611109-11	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S1-SW-11-00-1106	0611109-12	NM	11/8/2006	11/16/2006	11/27/2006	8	11	19
M	UG/L	S1-SW-11-00-1106	0611109-12	NM	11/8/2006	11/16/2006	12/11/2006	8	25	33
M	UG/L	S1-SW-12-00-1106	0611109-18	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18
M	UG/L	S1-SW-12-00-1106	0611109-18	NM	11/9/2006	11/16/2006	12/11/2006	7	25	32
M	UG/L	S2-SW-04-00-1106	0611109-04	NM	11/7/2006	11/16/2006	12/5/2006	9	19	28
M	UG/L	S1-SW-13-00-1106	0611109-19	NM	11/9/2006	11/16/2006	12/11/2006	7	25	32
M	UG/L	S2-SW-07-00-1106	0611109-07	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	S2-SW-01-00-1106	0611109-01	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-05-00-1106	0611109-05	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S2-SW-06-00-1106	0611109-06	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S1-SW-13-00-1106	0611109-19	NM	11/9/2006	11/16/2006	11/27/2006	7	11	18
M	UG/L	S2-SW-05-00-1106	0611109-05	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-02-00-1106	0611109-02	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S2-SW-04-00-1106	0611109-04	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-03-00-1106	0611109-03	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-03-00-1106	0611109-03	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
M	UG/L	S2-SW-02-00-1106	0611109-02	NM	11/7/2006	11/16/2006	12/4/2006	9	18	27
M	UG/L	S2-SW-06-00-1106	0611109-06	NM	11/7/2006	11/16/2006	11/21/2006	9	5	14
OS	%	S2-SW-03-00-1106	0611109-03	NM	11/7/2006	11/12/2006	11/16/2006	5	4	9
OS	%	S2-SW-04-00-1106	0611109-04	NM	11/7/2006	11/12/2006	11/16/2006	5	4	9
OS	%	S1-SW-10-00-1106	0611109-11	NM	11/8/2006	11/12/2006	11/17/2006	4	5	9
OS	%	S1-SW-11-00-1106	0611109-12	NM	11/8/2006	11/12/2006	11/17/2006	4	5	9
OS	%	S1-SW-12-00-1106	0611109-18	NM	11/9/2006	11/12/2006	11/17/2006	3	5	8
OS	%	S1-SW-13-00-1106	0611109-19	NM	11/9/2006	11/12/2006	11/17/2006	3	5	8
OS	%	S2-SW-01-00-1106	0611109-01	NM	11/7/2006	11/12/2006	11/16/2006	5	4	9

INORGANIC CASE NARRATIVE
TETRA TECH Inc.
SDG# Key West 05
Work Order # 0611109
November, 2006

Empirical Laboratories ID	Client ID
0611109-01	S2-SW-01-00-1106
0611109-02	S2-SW-02-00-1106
0611109-03	S2-SW-03-00-1106
0611109-04	S2-SW-04-00-1106
0611109-05	S2-SW-05-00-1106
0611109-06	S2-SW-06-00-1106
0611109-07	S2-SW-07-00-1106
0611109-08	S2-SW-08-00-1106
0611109-09	S2-SW-09-00-1106
0611109-10	S2-SW-10-00-1106
0611109-11	S1-SW-10-00-1106
0611109-12	S1-SW-11-00-1106
0611109-13	S2-SW-11-00-1106
0611109-14	S2-SW-12-00-1106
0611109-15	S2-SW-13-00-1106
0611109-16	S5-SW-06-00-1106
0611109-17	S5-SW-07-00-1106
0611109-18	S1-SW-12-00-1106
0611109-19	S1-SW-13-00-1106
0611109-20	S4-SW-01-00-1106
0611109-21	S4-SW-02-00-1106
0611109-22	S4-SW-03-00-1106
0611109-23	S4-SW-04-00-1106

I certify that, based upon my inquiry of those individuals immediately responsible for obtaining the information and to the best of my knowledge, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Betty DeVille

Betty DeVille
Inorganic Lab Manager

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

The samples were digested by USEPA SW846 method 3005A and analyzed by method 6010B. Method 7470A was used to analyze Mercury. Note: The "I" flag indicates that the analyte result is between the laboratory reporting limit and the laboratory MDL. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

IV. PREPARATION

The sample was digested by USEPA Method 3005A. All methods performed according to EPA guidelines and Empirical Laboratories Standard Operating Procedures.

V. ANALYSIS 11/20/06, 11/21/06, 11/27/06, 12/04/06, 12/05/06, 12/11/06 (ICAP Metals); 11/28/06 (Mercury)

A. Calibration: All calibration criteria were met with the following exceptions: The second and third CCV in the first ICAP analysis was out of the specification limits for aluminum at 111.6 and 110.7%. These CCVs impacted the final ICSA and ICSAB only. There was no impact to the sample data.

B. Blanks: All blank criteria were met with the following exceptions: The first through the third CCB in the first ICAP analysis was out of the specification limits of (< ±MDL) for beryllium at 0.25 ug/L on CCB1, for beryllium at 0.35 and for copper at -3.0 ug/L for CCB2 and for antimony at 5.8 ug/L and for beryllium at 0.31 ug/L for CCB3. These CCBs impacted the preparation blank and the laboratory control sample and the final ICSA and ICSAB only. There was no impact to the sample data.

The fourth CCB in the third ICAP analysis was out of the specification limits for thallium at 3.1 ug/L. The samples impacted had concentrations less than the MDL. There was no impact to the data.

C. Spikes: All matrix spikes quality control criteria were met. Note: Calcium, magnesium, potassium and sodium were over the

linear range and the sample concentration was greater than four times the spike concentration so the samples would not be flagged and matrix spike data could not be reported. Iron, manganese and zinc were impacted, because these metals have inter-element correction factors for magnesium. The spiked samples required dilution for magnesium and this dilution diluted the concentration of the spike.

D. Duplicates: All duplicate quality control criteria were met.

E. Serial Dilutions: All serial dilution quality control criteria were met.

F. Samples: All sample analysis proceeded normally with the following exception: Several samples had negative results for manganese, selenium and zinc due to matrix. The MDL was raised when this occurred. These samples are noted in the comments section of the form one.

G. Laboratory Control Samples: All percent recovery quality control criteria were met.

Batching Information

SDG No.: KeyWest05
Contract: Tetra Tech NUS, Inc.

Batch Number: ICP111606A – ICP Metals

PBW111606A	PBW111606A	MB	WATER
LCSW111606A	LCSW111606A	LCS	WATER
0611109-01	S2-SW-01-00-1106	SAM	WATER
0611109-02	S2-SW-02-00-1106	SAM	WATER
0611109-03	S2-SW-03-00-1106	SAM	WATER
0611109-04	S2-SW-04-00-1106	SAM	WATER
0611109-04S	S2-SW-04-00-1106S	MS	WATER
0611109-04SD	S2-SW-04-00-1106SD	MSD	WATER
0611109-05	S2-SW-05-00-1106	SAM	WATER
0611109-06	S2-SW-06-00-1106	SAM	WATER
0611109-07	S2-SW-07-00-1106	SAM	WATER
0611109-08	S2-SW-08-00-1106	SAM	WATER
0611109-09	S2-SW-09-00-1106	SAM	WATER

Batch Number: ICP111606B – ICP Metals

PBW111606B	PBW111606B	MB	WATER
LCSW111606B	LCSW111606B	LCS	WATER
0611109-10	S2-SW-10-00-1106	SAM	WATER
0611109-11	S1-SW-10-00-1106	SAM	WATER
0611109-12	S1-SW-11-00-1106	SAM	WATER
0611109-13	S2-SW-11-00-1106	SAM	WATER
0611109-14	S2-SW-12-00-1106	SAM	WATER
0611109-15	S2-SW-13-00-1106	SAM	WATER
0611109-16	S5-SW-06-00-1106	SAM	WATER
0611109-17	S5-SW-07-00-1106	SAM	WATER
0611109-18	S1-SW-12-00-1106	SAM	WATER
0611109-19	S1-SW-13-00-1106	SAM	WATER
0611109-20	S4-SW-01-00-1106	SAM	WATER
0611109-21	S4-SW-02-00-1106	SAM	WATER
0611109-22	S4-SW-03-00-1106	SAM	WATER
0611109-23	S4-SW-04-00-1106	SAM	WATER

Batch Number: HG112706A – Mercury

PBW112706A	PBW112706A	MB	WATER
LCSW112706A	LCSW112706A	LCS	WATER
0611109-01	S2-SW-01-00-1106	SAM	WATER
0611109-02	S2-SW-02-00-1106	SAM	WATER
0611109-03	S2-SW-03-00-1106	SAM	WATER
0611109-04	S2-SW-04-00-1106	SAM	WATER
0611109-04S	S2-SW-04-00-1106S	MS	WATER
0611109-04SD	S2-SW-04-00-1106SD	MSD	WATER
0611109-05	S2-SW-05-00-1106	SAM	WATER
0611109-06	S2-SW-06-00-1106	SAM	WATER
0611109-07	S2-SW-07-00-1106	SAM	WATER
0611109-08	S2-SW-08-00-1106	SAM	WATER
0611109-09	S2-SW-09-00-1106	SAM	WATER
0611109-10	S2-SW-10-00-1106	SAM	WATER
0611109-11	S1-SW-10-00-1106	SAM	WATER

Batching Information

SDG No.: KeyWest05
Contract: Tetra Tech NUS, Inc.

Batch Number: HG112706A – Mercury (cont.)

0611109-12	S1-SW-11-00-1106	SAM	WATER
0611109-13	S2-SW-11-00-1106	SAM	WATER
0611109-14	S2-SW-12-00-1106	SAM	WATER
0611109-15	S2-SW-13-00-1106	SAM	WATER
0611109-16	S5-SW-06-00-1106	SAM	WATER
0611109-17	S5-SW-07-00-1106	SAM	WATER
0611109-18	S1-SW-12-00-1106	SAM	WATER

Batch Number: HG112706B – Mercury

PBW112706B	PBW112706B	MB	WATER
LCSW112706B	LCSW112706B	LCS	WATER
0611109-19	S1-SW-13-00-1106	SAM	WATER

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S2-SW-01-00-1106	0611109-01
S2-SW-02-00-1106	0611109-02
S2-SW-03-00-1106	0611109-03
S2-SW-04-00-1106	0611109-04
S2-SW-04-00-1106S	0611109-04S
S2-SW-04-00-1106SD	0611109-04SD
S2-SW-05-00-1106	0611109-05
S2-SW-06-00-1106	0611109-06
S2-SW-07-00-1106	0611109-07
S2-SW-08-00-1106	0611109-08
S2-SW-09-00-1106	0611109-09
S2-SW-10-00-1106	0611109-10
S1-SW-10-00-1106	0611109-11
S1-SW-11-00-1106	0611109-12
S2-SW-11-00-1106	0611109-13
S2-SW-12-00-1106	0611109-14
S2-SW-13-00-1106	0611109-15
S5-SW-06-00-1106	0611109-16
S5-SW-07-00-1106	0611109-17
S1-SW-12-00-1106	0611109-18

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

D _____ Title: Vice-President

Empirical Laboratories

USEPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
S1-SW-13-00-1106	0611109-19
S4-SW-01-00-1106	0611109-20
S4-SW-02-00-1106	0611109-21
S4-SW-03-00-1106	0611109-22
S4-SW-04-00-1106	0611109-23

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: D. Rick Davis

D _____ Title: Vice-President

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10844.76	108.4	10000.0	10914.12	109.1	11161.46	111.6	P
Antimony	1000.0	971.50	97.2	1000.0	1014.59	101.5	994.40	99.4	P
Arsenic	1000.0	1033.75	103.4	1000.0	1044.05	104.4	1058.47	105.8	P
Barium	1000.0	1011.81	101.2	1000.0	1019.48	101.9	1023.49	102.3	P
Beryllium	1000.0	1049.06	104.9	1000.0	1039.04	103.9	1029.59	103.0	P
Cadmium	1000.0	1062.60	106.3	1000.0	1034.53	103.5	1059.38	105.9	P
Calcium	1000.0	993.45	99.3	1000.0	935.74	93.6	915.05	91.5	P
Chromium	1000.0	1024.28	102.4	1000.0	1024.17	102.4	1032.86	103.3	P
Cobalt	1000.0	998.87	99.9	1000.0	994.16	99.4	991.29	99.1	P
Copper	1000.0	1029.59	103.0	1000.0	1048.06	104.8	1058.14	105.8	P
Iron	10000.0	10510.44	105.1	10000.0	10524.84	105.2	10626.61	106.3	P
Lead	1000.0	1016.04	101.6	1000.0	1015.57	101.6	1021.34	102.1	P
Magnesium	1000.0	963.47	96.3	1000.0	979.60	98.0	986.50	98.6	P
Manganese	1000.0	1027.15	102.7	1000.0	1047.60	104.8	1043.62	104.4	P
Mercury	4.0	4.00	100.0	4.0/2.0	4.19	104.8	2.07	103.5	AV
Nickel	1000.0	1015.94	101.6	1000.0	1031.37	103.1	1026.52	102.7	P
Potassium	10000.0	9692.73	96.9	10000.0	9800.17	98.0	9956.27	99.6	P
Selenium	1000.0	1038.64	103.9	1000.0	1022.35	102.2	1056.41	105.6	P
Silver	500.0	491.21	98.2	500.0	492.19	98.4	496.32	99.3	P
Sodium	11000.0	10968.40	99.7	11000.0	10823.28	98.4	11177.38	101.6	P
Thallium	1000.0	984.70	98.5	1000.0	1028.72	102.9	1005.13	100.5	P
Tin	1000.0	969.16	96.9	1000.0	943.81	94.4	960.52	96.1	P
Vanadium	1000.0	1024.30	102.4	1000.0	1028.71	102.9	1036.02	103.6	P
Zinc	1000.0	1021.84	102.2	1000.0	1010.38	101.0	1012.95	101.3	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	11071.86	110.7			P
Antimony				1000.0	1026.61	102.7			P
Arsenic				1000.0	1062.94	106.3			P
Barium				1000.0	1025.58	102.6			P
Beryllium				1000.0	1045.83	104.6			P
Cadmium				1000.0	1046.16	104.6			P
Calcium				1000.0	929.51	93.0			P
Chromium				1000.0	1034.80	103.5			P
Cobalt				1000.0	1005.13	100.5			P
Copper				1000.0	1061.28	106.1			P
Iron				10000.0	10701.39	107.0			P
Lead				1000.0	1027.51	102.8			P
Magnesium				1000.0	993.58	99.4			P
Manganese				1000.0	1063.74	106.4			P
Mercury				4.0	4.04	101.0			AV
Nickel				1000.0	1042.76	104.3			P
Potassium				10000.0	9907.98	99.1			P
Selenium				1000.0	1049.93	105.0			P
Silver				500.0	498.56	99.7			P
Sodium				11000.0	10900.40	99.1			P
Thallium				1000.0	1036.46	103.6			P
Tin				1000.0	962.73	96.3			P
Vanadium				1000.0	1036.37	103.6			P
Zinc				1000.0	1026.27	102.6			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10814.70	108.1	10000.0	10821.18	108.2	10759.76	107.6	P
Antimony	1000.0	971.53	97.2	1000.0	1006.71	100.7	1000.94	100.1	P
Arsenic	1000.0	1026.41	102.6	1000.0	1025.22	102.5	1022.28	102.2	P
Barium	1000.0	1003.83	100.4	1000.0	1007.86	100.8	999.59	100.0	P
Beryllium	1000.0	1067.87	106.8	1000.0	1071.40	107.1	1052.44	105.2	P
Cadmium	1000.0	1065.23	106.5	1000.0	1037.53	103.8	1023.81	102.4	P
Calcium	1000.0	1065.18	106.5	1000.0	1064.67	106.5	1023.15	102.3	P
Chromium	1000.0	1019.91	102.0	1000.0	1015.21	101.5	1005.62	100.6	P
Cobalt	1000.0	1004.92	100.5	1000.0	1008.79	100.9	992.57	99.3	P
Copper	1000.0	1016.83	101.7	1000.0	1025.07	102.5	1020.16	102.0	P
Iron	10000.0	10450.02	104.5	10000.0	10408.14	104.1	10312.38	103.1	P
Lead	1000.0	1015.33	101.5	1000.0	1012.53	101.3	1003.64	100.4	P
Magnesium	1000.0	953.32	95.3	1000.0	951.66	95.2	945.94	94.6	P
Manganese	1000.0	1022.87	102.3	1000.0	1036.71	103.7	1028.20	102.8	P
Nickel	1000.0	1007.72	100.8	1000.0	1015.22	101.5	1007.26	100.7	P
Potassium	10000.0	9740.13	97.4	10000.0	9869.33	98.7	9782.75	97.8	P
Selenium	1000.0	1040.80	104.1	1000.0	1030.33	103.0	1024.55	102.5	P
Silver	500.0	492.61	98.5	500.0	493.38	98.7	487.83	97.6	P
Sodium	11000.0	11007.76	100.1	11000.0	10992.97	99.9	10838.21	98.5	P
Thallium	1000.0	982.05	98.2	1000.0	1009.49	100.9	1006.53	100.7	P
Tin	1000.0	993.71	99.4	1000.0	982.54	98.3	958.61	95.9	P
Vanadium	1000.0	1012.77	101.3	1000.0	1009.10	100.9	1002.85	100.3	P
Zinc	1000.0	1025.93	102.6	1000.0	1018.29	101.8	997.78	99.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10835.03	108.4	10779.53	107.8	P
Antimony				1000.0	995.61	99.6	995.79	99.6	P
Arsenic				1000.0	1023.69	102.4	1021.50	102.2	P
Barium				1000.0	1004.03	100.4	1001.83	100.2	P
Beryllium				1000.0	1049.98	105.0	1048.05	104.8	P
Cadmium				1000.0	1026.58	102.7	1024.79	102.5	P
Calcium				1000.0	1015.87	101.6	1015.16	101.5	P
Chromium				1000.0	1008.48	100.8	1007.07	100.7	P
Cobalt				1000.0	987.02	98.7	987.56	98.8	P
Copper				1000.0	1027.84	102.8	1024.31	102.4	P
Iron				10000.0	10360.93	103.6	10344.64	103.4	P
Lead				1000.0	1001.66	100.2	999.83	100.0	P
Magnesium				1000.0	953.49	95.3	950.70	95.1	P
Manganese				1000.0	1029.00	102.9	1028.90	102.9	P
Nickel				1000.0	1003.71	100.4	1001.89	100.2	P
Potassium				10000.0	9848.93	98.5	9783.76	97.8	P
Selenium				1000.0	1023.62	102.4	1016.91	101.7	P
Silver				500.0	488.42	97.7	487.93	97.6	P
Sodium				11000.0	11185.01	101.7	10917.70	99.3	P
Thallium				1000.0	989.16	98.9	986.41	98.6	P
Tin				1000.0	948.70	94.9	953.60	95.4	P
Vanadium				1000.0	1008.64	100.9	1005.02	100.5	P
Zinc				1000.0	987.47	98.7	987.99	98.8	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	10000.0	10545.56	105.5	10000.0	10648.67	106.5	10767.68	107.7	P
Antimony	1000.0	971.61	97.2	1000.0	1024.72	102.5	1044.23	104.4	P
Arsenic	1000.0	1032.43	103.2	1000.0	1049.70	105.0	1064.44	106.4	P
Barium	1000.0	1018.41	101.8	1000.0	1028.94	102.9	1038.22	103.8	P
Beryllium	1000.0	1061.65	106.2	1000.0	1061.05	106.1	1060.04	106.0	P
Cadmium	1000.0	1065.48	106.5	1000.0	1045.62	104.6	1037.87	103.8	P
Calcium	1000.0	1033.74	103.4	1000.0	992.28	99.2	980.46	98.0	P
Chromium	1000.0	1021.48	102.1	1000.0	1021.28	102.1	1009.44	100.9	P
Cobalt	1000.0	1005.22	100.5	1000.0	1008.64	100.9	1001.81	100.2	P
Copper	1000.0	1021.09	102.1	1000.0	1040.31	104.0	1055.00	105.5	P
Iron	10000.0	10379.99	103.8	10000.0	10376.47	103.8	10291.47	102.9	P
Lead	1000.0	1014.31	101.4	1000.0	1024.41	102.4	1023.17	102.3	P
Magnesium	1000.0	967.90	96.8	1000.0	982.62	98.3	985.80	98.6	P
Manganese	1000.0	1023.64	102.4	1000.0	1040.17	104.0	1031.05	103.1	P
Nickel	1000.0	1010.56	101.1	1000.0	1033.69	103.4	1025.89	102.6	P
Potassium	10000.0	9801.50	98.0	10000.0	10066.88	100.7	10244.12	102.4	P
Selenium	1000.0	1047.66	104.8	1000.0	1060.84	106.1	1078.23	107.8	P
Silver	500.0	499.41	99.9	500.0	502.62	100.5	506.86	101.4	P
Sodium	11000.0	10857.27	98.7	11000.0	11011.81	100.1	11248.79	102.3	P
Thallium	1000.0	991.31	99.1	1000.0	1036.10	103.6	1038.99	103.9	P
Tin	1000.0	990.34	99.0	1000.0	982.73	98.3	986.62	98.7	P
Vanadium	1000.0	1015.88	101.6	1000.0	1021.74	102.2	1015.84	101.6	P
Zinc	1000.0	1029.39	102.9	1000.0	1023.83	102.4	1009.46	100.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	10515.64	105.2	10603.13	106.0	P
Antimony				1000.0	1019.57	102.0	1024.73	102.5	P
Arsenic				1000.0	1043.95	104.4	1049.57	105.0	P
Barium				1000.0	1010.90	101.1	1017.15	101.7	P
Beryllium				1000.0	1050.61	105.1	1055.02	105.5	P
Cadmium				1000.0	1032.78	103.3	1030.01	103.0	P
Calcium				1000.0	964.04	96.4	982.20	98.2	P
Chromium				1000.0	1002.89	100.3	1001.25	100.1	P
Cobalt				1000.0	990.73	99.1	995.65	99.6	P
Copper				1000.0	1022.93	102.3	1029.45	102.9	P
Iron				10000.0	10237.17	102.4	10249.90	102.5	P
Lead				1000.0	1012.57	101.3	1015.37	101.5	P
Magnesium				1000.0	968.19	96.8	966.15	96.6	P
Manganese				1000.0	1022.18	102.2	1023.11	102.3	P
Nickel				1000.0	1013.77	101.4	1014.42	101.4	P
Potassium				10000.0	9918.89	99.2	10082.87	100.8	P
Selenium				1000.0	1057.58	105.8	1068.81	106.9	P
Silver				500.0	495.93	99.2	499.41	99.9	P
Sodium				11000.0	10728.01	97.5	10942.71	99.5	P
Thallium				1000.0	1013.62	101.4	1021.13	102.1	P
Tin				1000.0	968.55	96.9	981.68	98.2	P
Vanadium				1000.0	1003.34	100.3	1001.37	100.1	P
Zinc				1000.0	1005.67	100.6	1004.65	100.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10775.99	107.8			P
Antimony				1000.0	1042.90	104.3			P
Arsenic				1000.0	1067.23	106.7			P
Barium				1000.0	1035.46	103.5			P
Beryllium				1000.0	1087.68	108.8			P
Cadmium				1000.0	1059.61	106.0			P
Calcium				1000.0	996.34	99.6			P
Chromium				1000.0	1026.83	102.7			P
Cobalt				1000.0	1024.21	102.4			P
Copper				1000.0	1046.27	104.6			P
Iron				10000.0	10503.18	105.0			P
Lead				1000.0	1037.25	103.7			P
Magnesium				1000.0	989.67	99.0			P
Manganese				1000.0	1049.07	104.9			P
Nickel				1000.0	1041.87	104.2			P
Potassium				10000.0	10199.71	102.0			P
Selenium				1000.0	1083.75	108.4			P
Silver				500.0	510.99	102.2			P
Sodium				11000.0	11066.36	100.6			P
Thallium				1000.0	1043.09	104.3			P
Tin				1000.0	1014.32	101.4			P
Vanadium				1000.0	1024.29	102.4			P
Zinc				1000.0	1041.27	104.1			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Calcium	1000.0	1027.79	102.8	1000.0	1019.08	101.9	989.02	98.9	P
Iron	10000.0	10198.57	102.0	10000.0	10257.22	102.6	10292.38	102.9	P
Magnesium	1000.0	944.59	94.5	1000.0	956.77	95.7	962.30	96.2	P
Manganese	1000.0	1014.30	101.4	1000.0	1037.14	103.7	1041.55	104.2	P
Potassium	10000.0	9634.63	96.3	10000.0	9592.77	95.9	9766.91	97.7	P
Sodium	11000.0	10967.04	99.7	11000.0	10975.03	99.8	11054.21	100.5	P
Zinc	1000.0	1018.94	101.9	1000.0	1028.84	102.9	1026.54	102.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	982.81	98.3	995.45	99.5	P
Iron				10000.0	10293.01	102.9	10310.58	103.1	P
Magnesium				1000.0	963.25	96.3	959.77	96.0	P
Manganese				1000.0	1039.20	103.9	1039.62	104.0	P
Potassium				10000.0	9812.18	98.1	9794.52	97.9	P
Sodium				11000.0	11044.84	100.4	11030.09	100.3	P
Zinc				1000.0	1024.30	102.4	1030.37	103.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Calcium				1000.0	1059.99	106.0			P
Iron				10000.0	10367.24	103.7			P
Magnesium				1000.0	958.34	95.8			P
Manganese				1000.0	1046.19	104.6			P
Potassium				10000.0	9756.16	97.6			P
Sodium				11000.0	11064.16	100.6			P
Zinc				1000.0	1039.56	104.0			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium	11000.0	10704.11	97.3	11000.0	10864.56	98.8	10729.23	97.5	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium				11000.0	10681.05	97.1	10637.28	96.7	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				11000.0	10682.76	97.1			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium	1000.0	1074.29	107.4	1000.0	1040.10	104.0	1009.67	101.0	P
Iron	10000.0	10231.15	102.3	10000.0	10278.33	102.8	10236.92	102.4	P
Magnesium	1000.0	941.35	94.1	1000.0	955.02	95.5	955.10	95.5	P
Manganese	1000.0	1015.76	101.6	1000.0	1037.16	103.7	1036.25	103.6	P
Potassium	10000.0	9575.93	95.8	10000.0	9697.44	97.0	9697.21	97.0	P
Sodium	11000.0	10899.01	99.1	11000.0	10850.64	98.6	10833.98	98.5	P
Zinc	1000.0	1030.16	103.0	1000.0	1027.91	102.8	1018.81	101.9	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Initial Calibration Source: Accustandard,Spex

Continuing Calibration Source: Spex,Ultra

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				1000.0	991.32	99.1	993.91	99.4	P
Iron				10000.0	10193.46	101.9	10193.14	101.9	P
Magnesium				1000.0	947.49	94.7	945.65	94.6	P
Manganese				1000.0	1017.48	101.7	1017.35	101.7	P
Potassium				10000.0	9688.51	96.9	9710.41	97.1	P
Sodium				11000.0	10749.46	97.7	10699.82	97.3	P
Zinc				1000.0	1006.24	100.6	999.68	100.0	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.8	I	5.000	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Beryllium	0.25	U	0.25	I	0.35	I	0.31	I	0.250	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Copper	3.0	U	3.0	U	-3.0	I	3.0	U	3.000	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	30.000	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	1.500	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Mercury	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	AV
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury									0.080	U	AV

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U			P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U			P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U			P
Barium	5.0	U	5.0	U	5.0	U	5.0	U			P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U			P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U			P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U			P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U			P
Copper	3.0	U	3.0	U	3.0	U	3.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Lead	1.5	U	1.5	U	1.5	U	1.5	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Nickel	5.0	U	5.0	U	5.0	U	5.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U			P
Silver	1.0	U	1.0	U	1.0	U	1.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U			P
Tin	10.0	U	10.0	U	10.0	U	10.0	U			P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U							P
Antimony			5.0	U							P
Arsenic			3.0	U							P
Barium			5.0	U							P
Beryllium			0.25	U							P
Cadmium			1.0	U							P
Calcium			1000.0	U							P
Chromium			2.0	U							P
Cobalt			5.0	U							P
Copper			3.0	U							P
Iron			30.0	U							P
Lead			1.5	U							P
Magnesium			1000.0	U							P
Manganese			3.0	U							P
Nickel			5.0	U							P
Potassium			1000.0	U							P
Selenium			3.0	U							P
Silver			1.0	U							P
Sodium			1000.0	U							P
Thallium			3.0	U							P
Tin			10.0	U							P
Vanadium			5.0	U							P
Zinc			5.0	U							P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	50.0	U	50.0	U	50.0	U	50.0	U	50.000	U	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Barium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Beryllium	0.25	U	0.25	U	0.25	U	0.25	U	0.250	U	P
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	2.000	U	P
Cobalt	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Copper	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Iron	30.0	U	30.0	U	30.0	U	30.0	U	30.000	U	P
Lead	1.5	U	1.5	U	1.5	U	1.5	U	1.500	U	P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Nickel	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Selenium	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Silver	1.0	U	1.0	U	1.0	U	1.0	U	1.000	U	P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U	1000.000	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Tin	10.0	U	10.0	U	10.0	U	10.0	U	10.000	U	P
Vanadium	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U	5.000	U	P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			50.0	U	50.0	U					P
Antimony			5.0	U	5.0	U					P
Arsenic			3.0	U	3.0	U					P
Barium			5.0	U	5.0	U					P
Beryllium			0.25	U	0.25	U					P
Cadmium			1.0	U	1.0	U					P
Calcium			1000.0	U	1000.0	U					P
Chromium			2.0	U	2.0	U					P
Cobalt			5.0	U	5.0	U					P
Copper			3.0	U	3.0	U					P
Iron			30.0	U	30.0	U					P
Lead			1.5	U	1.5	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			3.0	U	3.0	U					P
Nickel			5.0	U	5.0	U					P
Potassium			1000.0	U	1000.0	U					P
Selenium			3.0	U	3.0	U					P
Silver			1.0	U	1.0	U					P
Sodium			1000.0	U	1000.0	U					P
Thallium			3.1	I	3.0	U					P
Tin			10.0	U	10.0	U					P
Vanadium			5.0	U	5.0	U					P
Zinc			5.0	U	5.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			1000.0	U	1000.0	U					P
Iron			30.0	U	30.0	U					P
Magnesium			1000.0	U	1000.0	U					P
Manganese			3.0	U	3.0	U					P
Potassium			1000.0	U	1000.0	U					P
Sodium			1000.0	U	1000.0	U					P
Zinc			5.0	U	5.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Sodium			1000.0	U	1000.0	U					P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Iron	30.0	U	30.0	U	30.0	U	30.0	U			P
Magnesium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Manganese	3.0	U	3.0	U	3.0	U	3.0	U			P
Potassium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Sodium	1000.0	U	1000.0	U	1000.0	U	1000.0	U			P
Zinc	5.0	U	5.0	U	5.0	U	5.0	U			P

USEPA - CLP

3

BLANKS

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			1000.0	U							P
Iron			30.0	U							P
Magnesium			1000.0	U							P
Manganese			3.0	U							P
Potassium			1000.0	U							P
Sodium			1000.0	U							P
Zinc			5.0	U							P

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

ICP ID Number: TJA61E TRACE ICP Date: 03/08/06

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Aluminum	308.22		200.0	50.0	P
Antimony	206.84		60.0	5.0	P
Arsenic	189.04		10.0	3.0	P
Barium	493.41		200.0	5.0	P
Beryllium	313.04		5.0	0.25	P
Cadmium	226.50		5.0	1.0	P
Calcium	317.93		5000.0	1000.0	P
Chromium	267.72		10.0	2.0	P
Cobalt	228.62		50.0	5.0	P
Copper	324.75		25.0	3.0	P
Iron	271.44		100.0	30.0	P
Lead	220.35		3.0	1.5	P
Magnesium	279.08		5000.0	1000.0	P
Manganese	257.61		15.0	3.0	P
Nickel	231.60		40.0	5.0	P
Potassium	766.49		5000.0	1000.0	P
Selenium	196.02		5.0	3.0	P
Silver	328.07		10.0	1.0	P
Sodium	330.23		5000.0	1000.0	P
Thallium	190.86		10.0	3.0	P
Tin	189.99		100.0	10.0	P
Vanadium	292.40		50.0	5.0	P
Zinc	206.84		20.0	5.0	P

Comments: _____

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

ICP ID Number: _____ Date: 03/14/06

Flame AA ID Number: PE CVAA

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	MDL (ug/L)	M
Mercury	253.70		0.20	0.080	AV

Comments: _____

USEPA - CLP

12

ICP LINEAR RANGES (QUARTERLY)

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

ICP ID Number: TJA61E TRACE ICP Date: 08/23/06

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000.0	P
Antimony	15.00	10000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	5000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	10000.0	P
Calcium	15.00	100000.0	P
Chromium	15.00	10000.0	P
Cobalt	15.00	10000.0	P
Copper	15.00	10000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	10000.0	P
Nickel	15.00	10000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	2000.0	P
Sodium	15.00	100000.0	P
Thallium	15.00	10000.0	P
Tin	15.00	25000.0	P
Vanadium	15.00	50000.0	P
Zinc	15.00	10000.0	P

Comments: _____

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW111606A	11/16/06	50.0	50.0
LCSW111606A	11/16/06	50.0	50.0
S2-SW-01-00-1106	11/16/06	50.0	50.0
S2-SW-02-00-1106	11/16/06	50.0	50.0
S2-SW-03-00-1106	11/16/06	50.0	50.0
S2-SW-04-00-1106	11/16/06	50.0	50.0
S2-SW-04-00-1106S	11/16/06	50.0	50.0
S2-SW-04-00-1106SD	11/16/06	50.0	50.0
S2-SW-05-00-1106	11/16/06	50.0	50.0
S2-SW-06-00-1106	11/16/06	50.0	50.0
S2-SW-07-00-1106	11/16/06	50.0	50.0
S2-SW-08-00-1106	11/16/06	50.0	50.0
S2-SW-09-00-1106	11/16/06	50.0	50.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Method: P

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW111606B	11/16/06	50.0	50.0
LCSW111606B	11/16/06	50.0	50.0
S2-SW-10-00-1106	11/16/06	50.0	50.0
S1-SW-10-00-1106	11/16/06	50.0	50.0
S1-SW-11-00-1106	11/16/06	50.0	50.0
S2-SW-11-00-1106	11/16/06	50.0	50.0
S2-SW-12-00-1106	11/16/06	50.0	50.0
S2-SW-13-00-1106	11/16/06	50.0	50.0
S5-SW-06-00-1106	11/16/06	50.0	50.0
S5-SW-07-00-1106	11/16/06	50.0	50.0
S1-SW-12-00-1106	11/16/06	50.0	50.0
S1-SW-13-00-1106	11/16/06	50.0	50.0
S4-SW-01-00-1106	11/16/06	50.0	50.0
S4-SW-02-00-1106	11/16/06	50.0	50.0
S4-SW-03-00-1106	11/16/06	50.0	50.0
S4-SW-04-00-1106	11/16/06	50.0	50.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
LCSW112706A	11/27/06	30.0	30.0
PBW112706A	11/27/06	30.0	30.0
S2-SW-01-00-1106	11/27/06	30.0	30.0
S2-SW-02-00-1106	11/27/06	30.0	30.0
S2-SW-03-00-1106	11/27/06	30.0	30.0
S2-SW-04-00-1106	11/27/06	30.0	30.0
S2-SW-04-00-1106S	11/27/06	30.0	30.0
S2-SW-04-00-1106SD	11/27/06	30.0	30.0
S2-SW-05-00-1106	11/27/06	30.0	30.0
S2-SW-06-00-1106	11/27/06	30.0	30.0
S2-SW-07-00-1106	11/27/06	30.0	30.0
S2-SW-08-00-1106	11/27/06	30.0	30.0
S2-SW-09-00-1106	11/27/06	30.0	30.0
S2-SW-10-00-1106	11/27/06	30.0	30.0
S1-SW-10-00-1106	11/27/06	30.0	30.0
S1-SW-11-00-1106	11/27/06	30.0	30.0
S2-SW-11-00-1106	11/27/06	30.0	30.0
S2-SW-12-00-1106	11/27/06	30.0	30.0
S2-SW-13-00-1106	11/27/06	30.0	30.0
S5-SW-06-00-1106	11/27/06	30.0	30.0
S5-SW-07-00-1106	11/27/06	30.0	30.0
S1-SW-12-00-1106	11/27/06	30.0	30.0

USEPA - CLP

13

PREPARATION LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Method: CV

EPA Sample No.	Preparation Date	Initial Volume mL	Volume (mL)
PBW112706B	11/27/06	30.0	30.0
LCSW112706B	11/27/06	30.0	30.0
S1-SW-13-00-1106	11/27/06	30.0	30.0

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
S0	1.00	0957		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
S	1.00	1003		X			X							X		X						X									
S	1.00	1010			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*			
ZZZZZZ	1.00	1018																													
S	1.00	1023								X										X			X								
ZZZZZZ	1.00	1038																													
ZZZZZZ	1.00	1044																													
ZZZZZZ	1.00	1051																													
ZZZZZZ	1.00	1100																													
ZZZZZZ	1.00	1107																													
ICV1	1.00	1118		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ICB1	1.00	1133		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1139																													
ZZZZZZ	1.00	1155																													
ZZZZZZ	1.00	1218																													
ZZZZZZ	1.00	1225																													
ZZZZZZ	1.00	1231																													
ZZZZZZ	1.00	1237																													
ZZZZZZ	1.00	1244																													
CRDL1	1.00	1250		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ICSA-0	1.00	1256		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ICSAB-0	1.00	1303		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1312																													
PBW111606A	1.00	1318		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
LCSW111606A	1.00	1324		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
CCV1	1.00	1333		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
CCB1	1.00	1356		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1402																													
ZZZZZZ	1.00	1414																													
ZZZZZZ	1.00	1421																													
ZZZZZZ	1.00	1427																													
ZZZZZZ	1.00	1434																													
ZZZZZZ	1.00	1440																													
ZZZZZZ	1.00	1446																													
ZZZZZZ	1.00	1453																													
ZZZZZZ	1.00	1459																													
ZZZZZZ	1.00	1509																													
ZZZZZZ	1.00	1516																													

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	1522																									
ZZZZZZ	1.00	1528																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1556																									
ZZZZZZ	1.00	1607																									
ZZZZZZ	1.00	1614																									
ZZZZZZ	1.00	1620																									
ZZZZZZ	1.00	1629																									
ZZZZZZ	1.00	1636																									
ZZZZZZ	1.00	1642																									
ZZZZZZ	1.00	1648																									
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1701																									
ZZZZZZ	1.00	1707																									
ZZZZZZ	1.00	1714																									
ZZZZZZ	1.00	1720																									
ZZZZZZ	1.00	1726																									
ZZZZZZ	1.00	1733																									
ZZZZZZ	1.00	1739																									
ZZZZZZ	5.00	1747																									
ZZZZZZ	1.00	1755																									
ZZZZZZ	1.00	1805																									
ZZZZZZ	1.00	1812																									
ZZZZZZ	1.00	1818																									
ZZZZZZ	1.00	1824																									
ZZZZZZ	1.00	1831																									
ZZZZZZ	1.00	1837																									
ZZZZZZ	1.00	1848																									
ZZZZZZ	1.00	1855																									
ZZZZZZ	1.00	1901																									
ZZZZZZ	1.00	1910																									
ZZZZZZ	1.00	1916																									
ZZZZZZ	1.00	1922																									
ZZZZZZ	1.00	1929																									
CCV2	1.00	1938		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB2	1.00	1948		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1954																										
ZZZZZZ	1.00	2000																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	2008																												
ZZZZZZ	1.00	2014																												
ZZZZZZ	1.00	2021																												
ZZZZZZ	1.00	2027																												
ZZZZZZ	1.00	2034																												
ICSA-1	1.00	2041		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			*
ICSAB-1	1.00	2047		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			*
ZZZZZZ	1.00	2056																												
CCV3	1.00	2105		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			*
CCB3	1.00	2116		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
S0	1.00	09:57												X													
S	1.00	10:03																									
S	1.00	10:10												X													
ZZZZZZ	1.00	10:18																									
S	1.00	10:23																									
ZZZZZZ	1.00	10:38																									
ZZZZZZ	1.00	10:44																									
ZZZZZZ	1.00	10:51																									
ZZZZZZ	1.00	11:00																									
ZZZZZZ	1.00	11:07																									
ICV1	1.00	11:18												X													
ICB1	1.00	11:33												X													
ZZZZZZ	1.00	11:39																									
ZZZZZZ	1.00	11:55																									
ZZZZZZ	1.00	12:18																									
ZZZZZZ	1.00	12:25																									
ZZZZZZ	1.00	12:31																									
ZZZZZZ	1.00	12:37																									
ZZZZZZ	1.00	12:44																									
CRDL1	1.00	12:50												X													
ICSA-0	1.00	12:56												X													
ICSAB-0	1.00	13:03												X													
ZZZZZZ	1.00	13:12																									
PBW111606A	1.00	13:18												X													
LCSW111606A	1.00	13:24												X													
CCV1	1.00	13:33												X													
CCB1	1.00	13:56												X													
ZZZZZZ	1.00	14:02																									
ZZZZZZ	1.00	14:14																									
ZZZZZZ	1.00	14:21																									
ZZZZZZ	1.00	14:27																									
ZZZZZZ	1.00	14:34																									
ZZZZZZ	1.00	14:40																									
ZZZZZZ	1.00	14:46																									
ZZZZZZ	1.00	14:53																									

USEPA - CLP
-14-
ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes
				B, AU, LI, MO, OS, PD, P, PT, SI, S, SN, SR, TI, U, W, IN
ZZZZZZ	1.00	14:59		
ZZZZZZ	1.00	15:09		
ZZZZZZ	1.00	15:16		
ZZZZZZ	1.00	15:22		
ZZZZZZ	1.00	15:28		
ZZZZZZ	1.00	15:35		
ZZZZZZ	1.00	15:56		
ZZZZZZ	1.00	16:07		
ZZZZZZ	1.00	16:14		
ZZZZZZ	1.00	16:20		
ZZZZZZ	1.00	16:29		
ZZZZZZ	1.00	16:36		
ZZZZZZ	1.00	16:42		
ZZZZZZ	1.00	16:48		
ZZZZZZ	1.00	16:55		
ZZZZZZ	1.00	17:01		
ZZZZZZ	1.00	17:07		
ZZZZZZ	1.00	17:14		
ZZZZZZ	1.00	17:20		
ZZZZZZ	1.00	17:26		
ZZZZZZ	1.00	17:33		
ZZZZZZ	1.00	17:39		
ZZZZZZ	5.00	17:47		
ZZZZZZ	1.00	17:55		
ZZZZZZ	1.00	18:05		
ZZZZZZ	1.00	18:12		
ZZZZZZ	1.00	18:18		
ZZZZZZ	1.00	18:24		
ZZZZZZ	1.00	18:31		
ZZZZZZ	1.00	18:37		
ZZZZZZ	1.00	18:48		
ZZZZZZ	1.00	18:55		
ZZZZZZ	1.00	19:01		
ZZZZZZ	1.00	19:10		
ZZZZZZ	1.00	19:16		

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/20/06 End Date: 11/20/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN								
ZZZZZZ	1.00	19:22																									
ZZZZZZ	1.00	19:29																									
CCV2	1.00	19:38												X													
CCB2	1.00	19:48												X													
ZZZZZZ	1.00	19:54																									
ZZZZZZ	1.00	20:00																									
ZZZZZZ	1.00	20:08																									
ZZZZZZ	1.00	20:14																									
ZZZZZZ	1.00	20:21																									
ZZZZZZ	1.00	20:27																									
ZZZZZZ	1.00	20:34																									
ICSA-1	1.00	20:41												X													
ICSAB-1	1.00	20:47												X													
ZZZZZZ	1.00	20:56																									
CCV3	1.00	21:05												X													
CCB3	1.00	21:16												X													

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/21/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	0952		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S	1.00	0957		X			X							X		X						X						
S	1.00	1004			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*
S	1.00	1010								X										X			X					
ZZZZZZ	1.00	1021																										
ZZZZZZ	1.00	1027																										
ZZZZZZ	1.00	1034																										
ZZZZZZ	1.00	1042																										
ZZZZZZ	1.00	1049																										
ICV2	1.00	1059		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICB2	1.00	1109		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1115																										
ZZZZZZ	1.00	1122																										
ZZZZZZ	1.00	1129																										
ZZZZZZ	1.00	1135																										
ZZZZZZ	1.00	1141																										
ZZZZZZ	1.00	1148																										
CRDL1	1.00	1154		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-0	1.00	1200		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-0	1.00	1207		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1216																										
ZZZZZZ	1.00	1222																										
ZZZZZZ	1.00	1228																										
CCV1	1.00	1237		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB1	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1253																										
ZZZZZZ	1.00	1310																										
ZZZZZZ	1.00	1316																										
ZZZZZZ	1.00	1323																										
ZZZZZZ	1.00	1329																										
ZZZZZZ	1.00	1335																										
ZZZZZZ	1.00	1342																										
ZZZZZZ	1.00	1355																										
ZZZZZZ	1.00	1402																										
ZZZZZZ	1.00	1418																										
CCV2	1.00	1427		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB2	1.00	1445		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1452																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/21/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN				
ZZZZZZ	1.00	1458																													
ZZZZZZ	1.00	1504																													
ZZZZZZ	1.00	1511																													
ZZZZZZ	1.00	1517																													
ZZZZZZ	1.00	1523																													
ZZZZZZ	1.00	1530																													
S2-SW-01-00-1106	1.00	1539		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-02-00-1106	1.00	1546		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-03-00-1106	1.00	1552		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-04-00-1106	1.00	1558		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-04-00-1106S	1.00	1605		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-04-00-1106SD	1.00	1611		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-04-00-1106L	5.00	1619		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
CCV3	1.00	1627		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
CCB3	1.00	1637		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
S2-SW-05-00-1106	1.00	1644		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-06-00-1106	1.00	1650		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-07-00-1106	1.00	1656		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-08-00-1106	1.00	1703		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
S2-SW-09-00-1106	1.00	1709		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*			
ZZZZZZ	1.00	1715																													
ZZZZZZ	1.00	1722																													
ZZZZZZ	1.00	1728																													
ZZZZZZ	1.00	1737																													
ZZZZZZ	1.00	1743																													
ZZZZZZ	1.00	1750																													
ZZZZZZ	1.00	1756																													
ICSA-1	1.00	1805		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ICSAB-1	1.00	1811		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
ZZZZZZ	1.00	1821																													
CCV4	1.00	1830		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			
CCB4	1.00	1840		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*			

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/21/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
S0	1.00	09:52												X																		
S	1.00	09:57																														
S	1.00	10:04												X																		
S	1.00	10:10																														
ZZZZZZ	1.00	10:21																														
ZZZZZZ	1.00	10:27																														
ZZZZZZ	1.00	10:34																														
ZZZZZZ	1.00	10:42																														
ZZZZZZ	1.00	10:49																														
ICV2	1.00	10:59												X																		
ICB2	1.00	11:09												X																		
ZZZZZZ	1.00	11:15																														
ZZZZZZ	1.00	11:22																														
ZZZZZZ	1.00	11:29																														
ZZZZZZ	1.00	11:35																														
ZZZZZZ	1.00	11:41																														
ZZZZZZ	1.00	11:48																														
CRDL1	1.00	11:54												X																		
ICSA-0	1.00	12:00												X																		
ICSAB-0	1.00	12:07												X																		
ZZZZZZ	1.00	12:16																														
ZZZZZZ	1.00	12:22																														
ZZZZZZ	1.00	12:28																														
CCV1	1.00	12:37												X																		
CCB1	1.00	12:47												X																		
ZZZZZZ	1.00	12:53																														
ZZZZZZ	1.00	13:10																														
ZZZZZZ	1.00	13:16																														
ZZZZZZ	1.00	13:23																														
ZZZZZZ	1.00	13:29																														
ZZZZZZ	1.00	13:35																														
ZZZZZZ	1.00	13:42																														
ZZZZZZ	1.00	13:55																														
ZZZZZZ	1.00	14:02																														
ZZZZZZ	1.00	14:18																														

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/21/06 End Date: 11/21/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN									
CCV2	1.00	14:27												X														
CCB2	1.00	14:45												X														
ZZZZZZ	1.00	14:52																										
ZZZZZZ	1.00	14:58																										
ZZZZZZ	1.00	15:04																										
ZZZZZZ	1.00	15:11																										
ZZZZZZ	1.00	15:17																										
ZZZZZZ	1.00	15:23																										
ZZZZZZ	1.00	15:30																										
S2-SW-01-00-1106	1.00	15:39												X														
S2-SW-02-00-1106	1.00	15:46												X														
S2-SW-03-00-1106	1.00	15:52												X														
S2-SW-04-00-1106	1.00	15:58												X														
S2-SW-04-00-1106S	1.00	16:05												X														
S2-SW-04-00-1106SD	1.00	16:11												X														
S2-SW-04-00-1106L	5.00	16:19												X														
CCV3	1.00	16:27												X														
CCB3	1.00	16:37												X														
S2-SW-05-00-1106	1.00	16:44												X														
S2-SW-06-00-1106	1.00	16:50												X														
S2-SW-07-00-1106	1.00	16:56												X														
S2-SW-08-00-1106	1.00	17:03												X														
S2-SW-09-00-1106	1.00	17:09												X														
ZZZZZZ	1.00	17:15																										
ZZZZZZ	1.00	17:22																										
ZZZZZZ	1.00	17:28																										
ZZZZZZ	1.00	17:37																										
ZZZZZZ	1.00	17:43																										
ZZZZZZ	1.00	17:50																										
ZZZZZZ	1.00	17:56																										
ICSA-1	1.00	18:05												X														
ICSAB-1	1.00	18:11												X														
ZZZZZZ	1.00	18:21																										
CCV4	1.00	18:30												X														
CCB4	1.00	18:40												X														

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
S0	1.00	0929		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S	1.00	0935		X			X							X		X						X						
S	1.00	0941			X	X		X	X		X	X	X		X		X		X		X			X	X	X		*
ZZZZZZ	1.00	0948																										
S	1.00	0953								X										X			X					
ZZZZZZ	1.00	1004																										
ZZZZZZ	1.00	1011																										
ZZZZZZ	1.00	1022																										
ZZZZZZ	1.00	1029																										
ZZZZZZ	1.00	1037																										
ZZZZZZ	1.00	1044																										
ICV3	1.00	1054		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICB3	1.00	1105		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1111																										
ZZZZZZ	1.00	1141																										
ZZZZZZ	1.00	1147																										
ZZZZZZ	1.00	1154																										
ZZZZZZ	1.00	1200																										
ZZZZZZ	1.00	1206																										
CRDL1	1.00	1213		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-0	1.00	1219		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-0	1.00	1225		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	1234																										
PBW111606B	1.00	1241		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
LCSW111606B	1.00	1247		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCV1	1.00	1256		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB1	1.00	1306		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
S2-SW-10-00-1106	1.00	1312		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
S1-SW-10-00-1106	1.00	1318		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
S1-SW-11-00-1106	1.00	1325		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X		*
S2-SW-11-00-1106	1.00	1331		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X		*
S2-SW-12-00-1106	1.00	1337		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X		*
S2-SW-13-00-1106	1.00	1344		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X		*
S5-SW-06-00-1106	1.00	1350		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
S5-SW-07-00-1106	1.00	1356		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
S1-SW-12-00-1106	1.00	1403		X	X	X	X	X	X		X	X	X	X	X	X	X		X		X	X		X	X	X		*
S1-SW-13-00-1106	1.00	1409		X	X	X	X	X	X		X	X	X		X				X		X	X		X	X			*
CCV2	1.00	1418		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
CCB2	1.00	1439		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
S4-SW-01-00-1106	1.00	1446			X																							
S4-SW-02-00-1106	1.00	1452			X																							
S4-SW-03-00-1106	1.00	1458			X																							
S4-SW-04-00-1106	1.00	1505			X																							
ZZZZZZ	1.00	1511																										
ZZZZZZ	1.00	1517																										
ZZZZZZ	1.00	1524																										
ZZZZZZ	1.00	1530																										
ZZZZZZ	1.00	1536																										
ZZZZZZ	1.00	1543																										
ZZZZZZ	1.00	1549																										
ZZZZZZ	5.00	1557																										
ZZZZZZ	1.00	1611																										
ZZZZZZ	1.00	1619																										
ZZZZZZ	1.00	1628																										
ZZZZZZ	1.00	1634																										
CCV3	1.00	1643		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
CCB3	1.00	1702		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	*
ZZZZZZ	1.00	1708																										
ZZZZZZ	1.00	1714																										
ZZZZZZ	1.00	1721																										
ZZZZZZ	1.00	1727																										
ZZZZZZ	1.00	1733																										
ZZZZZZ	1.00	1740																										
ZZZZZZ	1.00	1746																										
ZZZZZZ	1.00	1752																										
ZZZZZZ	1.00	1759																										
ZZZZZZ	1.00	1808																										
ZZZZZZ	1.00	1817																										
ZZZZZZ	1.00	1824																										
ZZZZZZ	1.00	1830																										
ZZZZZZ	1.00	1837																										
ZZZZZZ	5.00	1844																										
ZZZZZZ	1.00	1850																										
ZZZZZZ	1.00	1857																										
ZZZZZZ	1.00	1903																										
ZZZZZZ	1.00	1910																										

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	1916																										
ZZZZZZ	1.00	1922																										
ZZZZZZ	1.00	1929																										
ZZZZZZ	1.00	1935																										
CCV4	1.00	1944		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB4	1.00	1955		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSA-1	1.00	2001		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ICSAB-1	1.00	2008		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
ZZZZZZ	1.00	2016																										
ZZZZZZ	1.00	2023																										
ZZZZZZ	1.00	2029																										
ZZZZZZ	1.00	2038																										
ZZZZZZ	1.00	2044																										
ZZZZZZ	1.00	2051																										
ZZZZZZ	1.00	2057																										
ZZZZZZ	1.00	2103																										
ZZZZZZ	1.00	2110																										
ZZZZZZ	1.00	2116																										
ZZZZZZ	1.00	2122																										
CCV5	1.00	2131		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*
CCB5	1.00	2141		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		*

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN											
S0	1.00	09:29												X																
S	1.00	09:35																												
S	1.00	09:41												X																
ZZZZZZ	1.00	09:48																												
S	1.00	09:53																												
ZZZZZZ	1.00	10:04																												
ZZZZZZ	1.00	10:11																												
ZZZZZZ	1.00	10:22																												
ZZZZZZ	1.00	10:29																												
ZZZZZZ	1.00	10:37																												
ZZZZZZ	1.00	10:44																												
ICV3	1.00	10:54												X																
ICB3	1.00	11:05												X																
ZZZZZZ	1.00	11:11																												
ZZZZZZ	1.00	11:41																												
ZZZZZZ	1.00	11:47																												
ZZZZZZ	1.00	11:54																												
ZZZZZZ	1.00	12:00																												
ZZZZZZ	1.00	12:06																												
CRDL1	1.00	12:13												X																
ICSA-0	1.00	12:19												X																
ICSAB-0	1.00	12:25												X																
ZZZZZZ	1.00	12:34																												
PBW111606B	1.00	12:41												X																
LCSW111606B	1.00	12:47												X																
CCV1	1.00	12:56												X																
CCB1	1.00	13:06												X																
S2-SW-10-00-1106	1.00	13:12												X																
S1-SW-10-00-1106	1.00	13:18												X																
S1-SW-11-00-1106	1.00	13:25												X																
S2-SW-11-00-1106	1.00	13:31												X																
S2-SW-12-00-1106	1.00	13:37												X																
S2-SW-13-00-1106	1.00	13:44												X																
S5-SW-06-00-1106	1.00	13:50												X																
S5-SW-07-00-1106	1.00	13:56												X																

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN											
S1-SW-12-00-1106	1.00	14:03												X																
S1-SW-13-00-1106	1.00	14:09												X																
CCV2	1.00	14:18												X																
CCB2	1.00	14:39												X																
S4-SW-01-00-1106	1.00	14:46																												
S4-SW-02-00-1106	1.00	14:52																												
S4-SW-03-00-1106	1.00	14:58																												
S4-SW-04-00-1106	1.00	15:05																												
ZZZZZZ	1.00	15:11																												
ZZZZZZ	1.00	15:17																												
ZZZZZZ	1.00	15:24																												
ZZZZZZ	1.00	15:30																												
ZZZZZZ	1.00	15:36																												
ZZZZZZ	1.00	15:43																												
ZZZZZZ	1.00	15:49																												
ZZZZZZ	5.00	15:57																												
ZZZZZZ	1.00	16:11																												
ZZZZZZ	1.00	16:19																												
ZZZZZZ	1.00	16:28																												
ZZZZZZ	1.00	16:34																												
CCV3	1.00	16:43												X																
CCB3	1.00	17:02												X																
ZZZZZZ	1.00	17:08																												
ZZZZZZ	1.00	17:14																												
ZZZZZZ	1.00	17:21																												
ZZZZZZ	1.00	17:27																												
ZZZZZZ	1.00	17:33																												
ZZZZZZ	1.00	17:40																												
ZZZZZZ	1.00	17:46																												
ZZZZZZ	1.00	17:52																												
ZZZZZZ	1.00	17:59																												
ZZZZZZ	1.00	18:08																												
ZZZZZZ	1.00	18:17																												
ZZZZZZ	1.00	18:24																												
ZZZZZZ	1.00	18:30																												

USEPA - CLP

-14-

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 11/27/06 End Date: 11/27/06

EPA Sample No.	D/F	Time	% R	Analytes																												
				B	AU	LI	MO	OS	PD	P	PT	SI	S	SN	SR	TI	U	W	IN													
ZZZZZZ	1.00	18:37																														
ZZZZZZ	5.00	18:44																														
ZZZZZZ	1.00	18:50																														
ZZZZZZ	1.00	18:57																														
ZZZZZZ	1.00	19:03																														
ZZZZZZ	1.00	19:10																														
ZZZZZZ	1.00	19:16																														
ZZZZZZ	1.00	19:22																														
ZZZZZZ	1.00	19:29																														
ZZZZZZ	1.00	19:35																														
CCV4	1.00	19:44												X																		
CCB4	1.00	19:55												X																		
ICSA-1	1.00	20:01												X																		
ICSAB-1	1.00	20:08												X																		
ZZZZZZ	1.00	20:16																														
ZZZZZZ	1.00	20:23																														
ZZZZZZ	1.00	20:29																														
ZZZZZZ	1.00	20:38																														
ZZZZZZ	1.00	20:44																														
ZZZZZZ	1.00	20:51																														
ZZZZZZ	1.00	20:57																														
ZZZZZZ	1.00	21:03																														
ZZZZZZ	1.00	21:10																														
ZZZZZZ	1.00	21:16																														
ZZZZZZ	1.00	21:22																														
CCV5	1.00	21:31												X																		
CCB5	1.00	21:41												X																		

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S	1.00	0951												X		X											
S	1.00	0957															X									X	
S	1.00	1004								X										X			X				
ZZZZZZ	1.00	1020																									
S0	1.00	1034								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1039																									
ZZZZZZ	1.00	1047																									
ZZZZZZ	1.00	1051																									
ZZZZZZ	1.00	1059																									
ZZZZZZ	1.00	1106																									
ZZZZZZ	1.00	1114																									
ZZZZZZ	1.00	1121																									
ICV4	1.00	1131								X				X		X	X			X			X			X	
ICB4	1.00	1141								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1147																									
ZZZZZZ	1.00	1154																									
ZZZZZZ	1.00	1200																									
ZZZZZZ	1.00	1207																									
ZZZZZZ	1.00	1213																									
ZZZZZZ	1.00	1220																									
CRDL1	1.00	1227								X				X		X	X			X			X			X	
ICSA-0	1.00	1233								X				X		X	X			X			X			X	
ICSAB-0	1.00	1240								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1248																									
ZZZZZZ	1.00	1255																									
ZZZZZZ	1.00	1301																									
CCV1	1.00	1311								X				X		X	X			X			X			X	
CCB1	1.00	1326								X				X		X	X			X			X			X	
ZZZZZZ	5.00	1333																									
ZZZZZZ	5.00	1340																									
ZZZZZZ	1.00	1346																									
ZZZZZZ	1.00	1354																									
ZZZZZZ	1.00	1401																									
S2-SW-01-00-1106	200.00	1413																					X				
ZZZZZZ	1.00	1420																									
S2-SW-01-00-1106	5.00	1426								X				X		X	X			X						X	
S2-SW-02-00-1106	200.00	1432																					X				
ZZZZZZ	1.00	1446																									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
CCV2	1.00	1454								X				X		X	X			X			X			X			
CCB2	1.00	1504								X				X		X	X			X			X			X			
S2-SW-02-00-1106	5.00	1516								X				X		X	X			X						X			
S2-SW-03-00-1106	200.00	1523																					X						
ZZZZZZ	1.00	1529																											
S2-SW-03-00-1106	5.00	1535								X				X		X	X			X						X			
ZZZZZZ	1.00	1542																											
ZZZZZZ	1.00	1550																											
S2-SW-04-00-1106	5.00	1557								X				X		X	X			X						X			
ZZZZZZ	5.00	1604																											
ZZZZZZ	5.00	1610																											
S2-SW-04-00-1106L	25.00	1617								X				X		X	X			X						X			
CCV3	1.00	1626								X				X		X	X			X			X			X			
CCB3	1.00	1636								X				X		X	X			X			X			X			
S2-SW-05-00-1106	200.00	1642																					X						
ZZZZZZ	1.00	1648																											
S2-SW-05-00-1106	5.00	1655								X				X		X	X			X						X			
S2-SW-06-00-1106	200.00	1701																					X						
ZZZZZZ	1.00	1707																											
S2-SW-06-00-1106	5.00	1714								X				X		X	X			X						X			
S2-SW-07-00-1106	200.00	1720																					X						
ZZZZZZ	1.00	1726																											
S2-SW-07-00-1106	5.00	1733								X				X		X	X			X						X			
S2-SW-08-00-1106	200.00	1739																					X						
CCV4	1.00	1749								X				X		X	X			X			X			X			
CCB4	1.00	1800								X				X		X	X			X			X			X			
ZZZZZZ	1.00	1807																											
S2-SW-08-00-1106	5.00	1813								X				X		X	X			X						X			
S2-SW-09-00-1106	200.00	1819																					X						
ZZZZZZ	1.00	1826																											
S2-SW-09-00-1106	5.00	1832								X				X		X	X			X						X			
ZZZZZZ	1.00	1840																											
ICSA-1	1.00	1846								X				X		X	X			X			X			X			
ICSAB-1	1.00	1852								X				X		X	X			X			X			X			
ZZZZZZ	1.00	1901																											
ZZZZZZ	1.00	1907																											
ZZZZZZ	1.00	1914																											
ZZZZZZ	1.00	1922																											

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/04/06 End Date: 12/04/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1929																										
ZZZZZZ	1.00	1935																										
CCV5	1.00	1945								X				X		X	X			X			X			X		
CCB5	1.00	1955								X				X		X	X			X			X			X		

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0925																				X				
ZZZZZZ	1.00	0931																								
ZZZZZZ	1.00	0937																								
S	1.00	0946																				X				
ZZZZZZ	1.00	0956																								
ZZZZZZ	1.00	1002																								
ZZZZZZ	1.00	1008																								
ZZZZZZ	1.00	1017																								
ZZZZZZ	1.00	1023																								
ICV5	1.00	1034																				X				
ICB5	1.00	1044																				X				
ZZZZZZ	1.00	1050																								
ZZZZZZ	1.00	1059																								
ZZZZZZ	1.00	1105																								
ZZZZZZ	1.00	1112																								
ZZZZZZ	1.00	1118																								
ZZZZZZ	1.00	1124																								
CRDL1	1.00	1131																				X				
ZZZZZZ	1.00	1137																								
ZZZZZZ	1.00	1143																								
ZZZZZZ	1.00	1152																								
ZZZZZZ	1.00	1158																								
ZZZZZZ	1.00	1205																								
CCV1	1.00	1218																				X				
CCB1	1.00	1228																				X				
ZZZZZZ	1.00	1234																								
ZZZZZZ	1.00	1240																								
ZZZZZZ	1.00	1247																								
ZZZZZZ	1.00	1253																								
ZZZZZZ	1.00	1259																								
ZZZZZZ	1.00	1306																								
ZZZZZZ	1.00	1312																								
ZZZZZZ	1.00	1320																								
ZZZZZZ	1.00	1326																								
ZZZZZZ	1.00	1335																								
ZZZZZZ	1.00	1341																								
ZZZZZZ	1.00	1347																								
ZZZZZZ	1.00	1354																								

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1400																										
ZZZZZZ	1.00	1406																										
ZZZZZZ	1.00	1415																										
ZZZZZZ	1.00	1425																										
ZZZZZZ	1.00	1431																										
ZZZZZZ	1.00	1438																										
ZZZZZZ	1.00	1444																										
ZZZZZZ	1.00	1450																										
ZZZZZZ	1.00	1457																										
ZZZZZZ	5.00	1506																										
ZZZZZZ	5.00	1512																										
ZZZZZZ	1.00	1518																										
ZZZZZZ	1.00	1525																										
ZZZZZZ	1.00	1531																										
ZZZZZZ	1.00	1540																										
ZZZZZZ	1.00	1550																										
ZZZZZZ	1.00	1556																										
ZZZZZZ	1.00	1602																										
ZZZZZZ	1.00	1609																										
ZZZZZZ	1.00	1615																										
ZZZZZZ	1.00	1621																										
ZZZZZZ	1.00	1630																										
ZZZZZZ	1.00	1636																										
ZZZZZZ	1.00	1642																										
ZZZZZZ	1.00	1649																										
ZZZZZZ	1.00	1655																										
CCV2	1.00	1705																				X						
CCB2	1.00	1716																				X						
ZZZZZZ	1.00	1723																										
ZZZZZZ	1.00	1729																										
ZZZZZZ	1.00	1735																										
ZZZZZZ	1.00	1742																										
ZZZZZZ	1.00	1748																										
ZZZZZZ	1.00	1754																										
ZZZZZZ	1.00	1801																										
ZZZZZZ	1.00	1807																										
ZZZZZZ	1.00	1815																										
ICSA-1	1.00	1821																				X						

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB-1	1.00	1827																				X				
ZZZZZZ	1.00	1836																								
CCV3	1.00	1845																				X				
CCB3	1.00	1855																				X				
ZZZZZZ	1.00	1901																								
ZZZZZZ	1.00	1908																								
ZZZZZZ	1.00	1916																								
ZZZZZZ	1.00	1923																								
ZZZZZZ	1.00	1929																								
ZZZZZZ	1.00	1935																								
ZZZZZZ	1.00	1942																								
ZZZZZZ	1.00	1948																								
ZZZZZZ	1.00	1955																								
ZZZZZZ	1.00	2001																								
ZZZZZZ	1.00	2007																								
ZZZZZZ	1.00	2014																								
ZZZZZZ	1.00	2024																								
ZZZZZZ	1.00	2035																								
ZZZZZZ	1.00	2041																								
ZZZZZZ	1.00	2047																								
ZZZZZZ	1.00	2054																								
ZZZZZZ	1.00	2100																								
ZZZZZZ	1.00	2107																								
ZZZZZZ	1.00	2113																								
ZZZZZZ	1.00	2119																								
ZZZZZZ	1.00	2126																								
ZZZZZZ	1.00	2132																								
ZZZZZZ	1.00	2138																								
ZZZZZZ	1.00	2145																								
ZZZZZZ	1.00	2151																								
ZZZZZZ	1.00	2158																								
ZZZZZZ	5.00	2205																								
CCV4	1.00	2215																				X				
CCB4	1.00	2226																				X				
S2-SW-04-00-1106	100.00	2233																				X				
S2-SW-04-00-1106L	500.00	2239																				X				
ICSA-2	1.00	2246																				X				
ICSAB-2	1.00	2253																				X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/05/06 End Date: 12/05/06

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	2302																									
CCV5	1.00	2310																				X				
CCB5	1.00	2321																				X				

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/11/06 End Date: 12/11/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0940								X				X		X	X			X			X			X	
S	1.00	0945												X		X											
S	1.00	0950															X									X	
S	1.00	1004								X										X			X				
ZZZZZZ	1.00	1013																									
ZZZZZZ	1.00	1020																									
ZZZZZZ	1.00	1028																									
ZZZZZZ	1.00	1034																									
ICV6	1.00	1044								X				X		X	X			X			X			X	
ICB6	1.00	1054								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1100																									
ZZZZZZ	1.00	1108																									
ZZZZZZ	1.00	1114																									
ZZZZZZ	1.00	1121																									
ZZZZZZ	1.00	1127																									
ZZZZZZ	1.00	1133																									
CRDL1	1.00	1140								X				X		X	X			X			X			X	
ICSA-0	1.00	1146								X				X		X	X			X			X			X	
ICSAB-0	1.00	1152								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1201																									
S2-SW-10-00-1106	100.00	1207																					X				
S2-SW-10-00-1106	5.00	1214								X				X		X	X			X						X	
CCV1	1.00	1222								X				X		X	X			X			X			X	
CCB1	1.00	1232								X				X		X	X			X			X			X	
S1-SW-10-00-1106	100.00	1239																					X				
S1-SW-10-00-1106	5.00	1245								X				X		X	X			X						X	
S1-SW-11-00-1106	100.00	1253																					X				
S1-SW-11-00-1106	5.00	1259								X										X							
S2-SW-11-00-1106	50.00	1307																					X				
S2-SW-11-00-1106	2.00	1313								X										X							
S2-SW-12-00-1106	50.00	1320																					X				
S2-SW-12-00-1106	2.00	1327								X										X							
S2-SW-13-00-1106	100.00	1334																					X				
S2-SW-13-00-1106	5.00	1341								X										X							
CCV2	1.00	1349								X				X		X	X			X			X			X	
CCB2	1.00	1359								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1406																									
S5-SW-06-00-1106	25.00	1412																		X							

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: TJA61E TRACE ICP Method: P

Start Date: 12/11/06 End Date: 12/11/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S5-SW-06-00-1106	5.00	1418								X				X		X	X									X	
ZZZZZZ	1.00	1426																									
S5-SW-07-00-1106	25.00	1432																		X							
S5-SW-07-00-1106	5.00	1439								X				X		X	X									X	
S1-SW-12-00-1106	100.00	1446																					X				
S1-SW-12-00-1106	5.00	1453								X										X							
ZZZZZZ	1.00	1500																									
S1-SW-13-00-1106	50.00	1506																		X							
CCV3	1.00	1516								X				X		X	X			X			X			X	
CCB3	1.00	1526								X				X		X	X			X			X			X	
S1-SW-13-00-1106	10.00	1532								X				X		X	X									X	
ZZZZZZ	1.00	1540																									
S5-SW-06-00-1106	200.00	1554																					X				
S5-SW-07-00-1106	200.00	1600																					X				
S1-SW-13-00-1106	200.00	1607																					X				
ZZZZZZ	1.00	1615																									
ZZZZZZ	1.00	1622																									
ZZZZZZ	1.00	1631																									
ICSA-1	1.00	1640								X				X		X	X			X			X			X	
ICSAB-1	1.00	1646								X				X		X	X			X			X			X	
ZZZZZZ	1.00	1655																									
CCV4	1.00	1703								X				X		X	X			X			X			X	
CCB4	1.00	1715								X				X		X	X			X			X			X	

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1517																X									
S0.20	1.00	1518																X									
S0.50	1.00	1519																X									
S1.0	1.00	1520																X									
S2.0	1.00	1521																X									
S4.0	1.00	1522																X									
S6.0	1.00	1524																X									
S10.0	1.00	1525																X									
ICV1	1.00	1527																X									
ICB1	1.00	1528																X									
LCSW112706A	1.00	1529																X									
PBW112706A	1.00	1531																X									
S2-SW-01-00-1106	1.00	1532																X									
S2-SW-02-00-1106	1.00	1533																X									
S2-SW-03-00-1106	1.00	1534																X									
S2-SW-04-00-1106	1.00	1535																X									
S2-SW-04-00-1106S	1.00	1536																X									
S2-SW-04-00-1106SD	1.00	1538																X									
S2-SW-05-00-1106	1.00	1539																X									
S2-SW-06-00-1106	1.00	1540																X									
CCV1	1.00	1541																X									
CCB1	1.00	1542																X									
S2-SW-07-00-1106	1.00	1543																X									
S2-SW-08-00-1106	1.00	1544																X									
S2-SW-09-00-1106	1.00	1546																X									
S2-SW-10-00-1106	1.00	1547																X									
S1-SW-10-00-1106	1.00	1548																X									
S1-SW-11-00-1106	1.00	1549																X									
S2-SW-11-00-1106	1.00	1550																X									
S2-SW-12-00-1106	1.00	1551																X									
S2-SW-13-00-1106	1.00	1553																X									
S5-SW-06-00-1106	1.00	1554																X									
CCV2	1.00	1555																X									
CCB2	1.00	1556																X									
S5-SW-07-00-1106	1.00	1557																X									
S1-SW-12-00-1106	1.00	1558																X									
PBW112706B	1.00	1559																X									
LCSW112706B	1.00	1600																X									

USEPA - CLP

14

ANALYSIS RUN LOG

Lab Name: Empirical Laboratories Contract: TetraTech NUS, Inc.

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: KeyWest05

Instrument ID Number: PE CVAA Method: AV

Start Date: 11/28/06 End Date: 11/28/06

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S1-SW-13-00-1106	1.00	1602																X								
ZZZZZZ	1.00	1603																								
ZZZZZZ	1.00	1604																								
ZZZZZZ	1.00	1605																								
ZZZZZZ	1.00	1606																								
ZZZZZZ	1.00	1607																								
CCV3	1.00	1609																X								
CCB3	1.00	1610																X								

APPENDIX B

Field Log Sheets

Print New

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-14-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SD-14	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/15/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/15/07	11:40	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	11:40	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-15-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SD-15	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	
WBS Code #		**Concentration**	Low concentration	**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/15/07	12:20	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	12:20	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-16-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-16	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/15/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/15/07	15:05	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	15:05	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-17-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-17	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	
WBS Code #		**Concentration**		**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	14:45	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-18-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-18	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	
WBS Code #		**Concentration**		**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	14:20	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-19-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-19	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Medium concentration	**Modified Date**	5/16/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/16/07	13:10	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/15/07	13:10	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-20-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-20	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	
WBS Code #		**Concentration**	Low concentration	**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/16/07	08:40	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/16/07	08:40	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-21-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-21	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	
WBS Code #		**Concentration**	Low concentration	**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/16/07	09:00	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-22-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SD-22	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/16/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
5/16/07	09:15	Trowel	-	0-1	dark brown	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/16/07	09:15	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-23-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SD-23	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/16/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/16/07	10:30	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	1	Glass - Clear	8 oz. wide-mouth w/Teflon cap		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-24-00-0507	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-24	**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Sampled By**	Mike Whitten	**Modified By**	Gary Braganza
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/16/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	5/16/07	10:15	SW-846 8081 / 8270C / 6020 / 6010B	Pesticides / SVOCs / TAL Metals + Tin / Arsenic	None	2	Glass - Clear	8 oz. wide-mouth w/Teflon cap	Run MS/MSD	112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Print New

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-14-00-0507	**Status**	New	**Printed By**	Mike Whitten
Sample Location ID				**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✗			TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✗			Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		
✗			Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-15-00-0507	**Status**	New	**Printed By**	Mike Whitten
Sample Location ID				**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✗			TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✗			Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		
✗			Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-16-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-16			**Printed Date**	11/20/07

Sample Collection Records

Date	5/15/07	**Color**		**Temp (C)**	
Time	15:05	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	1.00	**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/15/07	15:05	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/15/07	15:05	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5152007-1
✓	5/15/07	15:05	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-17-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-17			**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/15/07	14:45	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/15/07	14:45	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5152007-1
✓	5/15/07	14:45	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-18-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-18			**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/15/07	14:20	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/15/07	14:20	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5152007-1
✓	5/15/07	14:20	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-19-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-19			**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/15/07	13:10	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/15/07	13:10	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5152007-1
✓	5/15/07	13:10	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5152007-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-20-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-20			**Printed Date**	11/20/07

Sample Collection Records

Date	5/16/07	**Color**		**Temp (C)**	
Time	08:40	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/16/07	08:40	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5162007-2
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/16/07	08:40	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5162007-2
✓	5/16/07	08:40	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-21-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-21			**Printed Date**	11/20/07

Sample Collection Records

Date	5/16/07	**Color**		**Temp (C)**	
Time	09:00	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/16/07	09:00	TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5162007-2
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/16/07	09:00	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		112G00486-5162007-2
✓	5/16/07	09:00	Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-22-00-0507	**Status**	New	**Printed By**	Mike Whitten
Sample Location ID				**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✗			TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✗			Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		
✗			Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-23-00-0507	**Status**	New	**Printed By**	Mike Whitten
Sample Location ID				**Printed Date**	11/20/07

Sample Collection Records

Date		**Color**		**Temp (C)**	
Time		**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✗			TAL Metals + Tin	SW-846 6020	1	Plastic - PE	500ml	4°C/HNO3		
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✗			Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	1	Plastic - PE	1L	4°C		
✗			Iron	SW-846 6010B	1	Plastic - PE	500ml	4°C/HNO3		

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 2 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	5/14/07
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-24-00-0507	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-24			**Printed Date**	11/20/07

Sample Collection Records

Date	5/16/07	**Color**		**Temp (C)**	
Time	10:15	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method		**DO (mg/L)**			
MS/MSD Collected	MS/MSD	**Turbidity (NTUs)**			
Duplicate Collected	Y				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	5/16/07	10:15	TAL Metals + Tin	SW-846 6020	2	Plastic - PE	500ml	4°C/HNO3	Run MS/MSD	112G00486-5162007-2
✗			Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass - Amber	1L	4°C		
✓	5/16/07	10:15	Chloride; Color; pH; and Total Dissolved Solids (TDS)	Wet Chemistry	2	Plastic - PE	1L	4°C	Run MS/MSD	112G00486-5162007-2
✓	5/16/07	10:15	Iron	SW-846 6010B	2	Plastic - PE	500ml	4°C/HNO3	Run MS/MSD	112G00486-5162007-2

General Observations and Notes

No Notes

- End of Report -

Print New

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-08-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-08	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/4/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	10:20	Trowel	NA	0-0.4'	light tan	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	10:20	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	10:20	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-05-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-05	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/3/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/3/06	16:52	Trowel	NA	0-0.3'	dark brown	fine root mass in sediment matrix. very dark brown.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/3/06	16:53	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/3/06	16:53	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-06-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-06	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/4/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	12:49	Trowel	NA	0-0.5'	dark brown	heavy root matter in sediment. small fish in water at location

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	12:51	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	12:51	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-07-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-07	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/4/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	11:57	Trowel	NA	0-0.5'	dark brown	organic matter

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	11:57	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	11:57	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-03	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/3/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/3/06	15:22	Trowel	NA	0-0.5'	dark grey	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/3/06	15:25	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/3/06	15:25	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-04	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/3/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/3/06	16:30	Trowel	NA	0-0.4'	dark brown	mostly organic matter with sediment

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/3/06	16:35	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/3/06	16:35	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-02	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/3/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/3/06	14:30	Trowel	0	0-.2'	Other	Greyish-tan with gravel mix

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/3/06	14:30	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/3/06	14:30	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-09-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-09	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/4/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	09:35	Trowel	NA	0-0.5'	Other	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	09:35	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	09:35	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

Field duplicate S1FD11040602 collected at this location

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-01	**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	5/15/07
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/3/06	13:55	Trowel	na	0-0.3'	Other	greyish-tan

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/3/06	13:55	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/3/06	13:55	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-02	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/6/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/6/06	10:54	Trowel	na	0-0.5'	grey	water approx 2' deep at SD loaction

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/6/06	10:55	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/6/06	10:55	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

Field duplicate S5FD11060602 taken for SD at this location.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-03	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/6/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/6/06	13:56	Ponar dredge	NA	0-0.5'	grey	Ponar dredge used to collect sample. very silty with coarse shell fragments.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/6/06	13:57	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1
✓	11/6/06	13:57	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-05-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-05	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/6/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/6/06	15:02	Ponar dredge	na	0-0.5'	grey	silty sand with abundant shell fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/6/06	15:03	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1
✓	11/6/06	15:03	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1

General Observations and Notes

water depth approx 2.5 to 3' deep at sample location

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-06-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-06	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	-Select-	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	11:44	Trowel	na	0-0.5'	grey	silty with abundant rock and shell fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	11:45	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	11:45	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-04	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/6/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/6/06	14:28	Ponar dredge	na	0-0.5'	grey	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/6/06	14:29	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1
✓	11/6/06	14:29	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-07-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-07	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	11:58	Trowel	na	0-0.5'	grey	silty with rock and shell fragments.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	11:58	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	11:58	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SD-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SW/SD-01	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/6/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/6/06	10:18	Trowel	na	0-0.5'	light grey	water depth 2.5 to 3' deep at location

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/6/06	10:20	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/6/06	10:20	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

slight fuel-type or organic odor from area after stirring up the sediment during sampling noted at this location.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-03	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	09:20	Ponar dredge	na	0-0.5'	dark grey	fishing line in sample

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	09:24	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	09:24	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-02	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	08:56	Ponar dredge	NA	0-0.5'	dark grey	silty

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	08:56	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	08:56	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-01	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	08:34	Ponar dredge	na	0-0.5'	dark grey	silty.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	08:35	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	08:35	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

Old fishing line in sediment. Noted to lab to screen fishing line from sample.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-10-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-10	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	16:23	Trowel	na	0-0.5'	grey	shallow location - used trowel to collect. mixture of black/ organic + coarse sand and shell.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	16:24	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	16:24	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

Location at end of ditch from remediated area. Location at edge of mangrove root system.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-09-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-09	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	15:56	Ponar dredge	na	0-0.5'	dark grey	silty with some shell fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	15:56	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	15:56	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-07-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-07	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	15:11	Ponar dredge	na	0-0.5'	dark grey	sandy silt with abundant shell fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	15:12	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	15:12	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

water depth 6.5' at location

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-04	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	11:10	Ponar dredge	NA	0-0.5'	grey	silty

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	11:10	SW-846 6020	TAL Metals + Tin	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	11:10	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	3	Glass	8 oz. wide-mouth clear w/Teflon cap	Do MS/MSD. used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

MS/MSD collected at this location(along with MS/MSD for SW).

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-08-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-08	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	15:34	Ponar dredge	na	0-0.5'	dark grey	silty sand

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	15:34	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	15:34	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-05-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-05	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	11:45	Ponar dredge	na	0-0.5'	grey	silty with shell fragments. fishing line in sediment

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	11:46	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	11:46	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

Old fishing line in sediment. Noted to lab to screen fishing line from sample.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-06-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SD-06	**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/7/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/7/06	12:12	Ponar dredge	na	0-0.5'	grey	silty

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/7/06	12:18	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/7/06	12:18	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

location is SD only. SW location 06 varies and logged.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-13-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-13	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	10:12	Ponar dredge	na	0-0.5'	dark grey	still bottom of ditch. silty sand sediment with small shell fragments. sediment approx 12" thick at location.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	10:15	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	10:15	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-11-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-11	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	08:29	Trowel	na	0-0.6'	dark grey	silty with small rocks and organic matter. Pond is undisturbed and very settled area. Approx sediment thickness 18" at location.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	08:31	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	08:31	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	screen fishing line from sample. used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

Old fishing line in sediment. Noted to lab to screen fishing line from sample.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SD-12-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SW/SD-12	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	08:55	Ponar dredge	na	0-0.5'	dark brown	very sticky sample with peanut butter consistancy. Sediment thickness at location approx. 18" to hard material.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	08:58	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	08:58	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-13-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-13	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	08:27	Trowel	na	0-0.2'	Other	black organic silt

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	08:27	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/9/06	08:27	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-12-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-12	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	07:50	Trowel	na	0-0.3'	grey	very fine grained slit with small rocks. Small (0.5inch) red worms abundant at area and some in samples.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	07:51	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/9/06	07:51	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-10-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-10	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	16:20	Trowel	na	0-0.2'	Other	very organic brown to grey sediment of silty sand with gravel fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	16:20	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	16:20	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S1-SD-11-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S1-SW/SD-11	**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	16:48	Trowel	na	0-0.2'	Other	very organic brown to grey sediment of silty sand with gravel fragments

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	16:48	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2
✓	11/8/06	16:48	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap	used 8oz - no 4 oz available	112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SD-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SD-01	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	09:32	Trowel	na	0-0.2'	Other	layer of black/dark silty organic material on a lighter grey color sandy sediment. Both collected and mixed in sample.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	09:32	SW-846 6010B*	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SD-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SD-04	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:04	Trowel	na	0-0.5'	Other	dark brown to black silt with abundant organic matter. no grey layer under (as found in other samples).

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:05	SW-846 6010B*	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SD-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SD-03	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	09:51	Trowel	na	0-0.6'	Other	layer of black/dark silty organic material on a lighter grey color sandy sediment. Both collected and mixed in sample.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	09:55	SW-846 6010B*	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SD-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SD-02	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	09:48	Trowel	na	0-0.7'	Other	layer of black/dark silty organic material on a lighter grey color sandy sediment. Both collected and mixed in sample.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	09:49	SW-846 6010B*	Antimony	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

eDATA Print New

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-02	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	15:25	Trowel	NA	0-0.2'	grey	dry surface soil - very sandy surface material

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	15:25	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	15:25	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-01	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	15:08	Trowel	NA	0-0.2'	Other	rocky soil - dark grey to brown - moist

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	15:10	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	15:10	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-03	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	15:37	Trowel	na	0-0.1'	dark brown	some organics in soil

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	15:38	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	15:38	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-04	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	15:55	Trowel	na	0-0.2'	light grey	sand and gravely surface material

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	15:55	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	15:55	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-07-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-07	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	08:41	Trowel	na	0-0.2'	dark grey	sample near edge of water. Approx. 2' from water on rock ledge. There is no soil closer to taxiway.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	08:42	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	08:42	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-23-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**		**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**		**Modified By**	
WBS Code #		**Concentration**		**Modified Date**	
QA Sample Type				**Printed By**	Mike Whitten
Status	New			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description

Analysis Records

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-11-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-11	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	10:03	Trowel	na	0-0.1'	grey	lots of gravel with sand on rock surface

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	10:04	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	10:04	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-12-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-12	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	10:18	Trowel	na	0-0.1'	grey	very rocky with lots of small gravel

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	10:20	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	10:20	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-08-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-08	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	09:05	Trowel	na	0-0.1'	dark grey	near water edge - rocky area

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	09:05	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	09:05	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-22-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-22	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	15:27	Trowel	na	0-0.2'	dark brown	sandy soil - most "soil-like" at SWMU2 of SS-01 to SS-22

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	15:29	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	15:29	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-05-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-05	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/4/06	16:09	Trowel	na	0-0.1'	dark brown	sandy surface mixed with light brown sand and gravel. slightly moist.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/4/06	16:10	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/4/06	16:10	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-14-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-14	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	10:50	Trowel	na	0-0.2'	dark brown	sample from area with grass cover - more soil than typical gravely SS-02 to SS-13 to date locations around pond area

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	10:51	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	10:51	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-09-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-09	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	09:15	Trowel	na	0-0.1'	dark grey	rocky area - sample back approx. 1' from water edge

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	09:15	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	09:15	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-20-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-20	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	14:39	Trowel	na	0-0.1'	dark grey	fine sand with some gravel.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	14:40	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	112G00486-1162006-1
✓	11/5/06	14:40	SW-846 6020	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	112G00486-1162006-1

General Observations and Notes

MS/MSD collected at this location - 3x volume

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-17-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-17	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	13:59	Trowel	na	0-0.1'	dark grey	mixture of fine clay and medium sand.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	14:00	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	14:00	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-18-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-18	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	14:09	Trowel	na	0-0.1'	brown	sandy material on rock

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	14:10	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	14:10	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-06-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-06	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	08:25	Trowel	NA	0-0.1'	light grey	rock layer approx. 1-2" below surface. Mostly gravel surface

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	08:25	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	08:25	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-19-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-19	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	14:24	Trowel	na	0-0.1'	grey	gravely sand mixture on rock.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	14:25	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	14:25	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

sample basically sediment-type surface soil on rock.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-21-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-21	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	14:58	Trowel	na	0-0.1'	tan	sandy gravel

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	15:05	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	15:05	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-13-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-13	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	10:32	Trowel	na	0-0.2'	dark brown	dark brown to black material in a saturated area of ground cover.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	10:33	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	10:33	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

Field duplicated S2FD11050601 collected for surface soil at this location.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-10-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-10	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	09:30	Trowel	na	0-0.1'	light tan	gravel area approx 15' from edge of water - edge of water is not steep like other (08 and 09) locations but gradual and closer to taxiway

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	09:30	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	09:30	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-16-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-16	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	11:30	Trowel	na	0-0.2'	dark grey	fine sand with some gravel

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	11:31	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1
✓	11/5/06	11:31	SW-846 6020	TAL Metals + Tin	4°C	1	Glass	4 oz. wide-mouth clear w/Teflon cap		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S2-SS-15-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S2-SS-15	**Created Date**	11/4/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/5/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Complete			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/5/06	11:08	Trowel	na	0-0.2'	grey	sandy with some gravel

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/5/06	11:12	SW-846 8081 / 8270C	Pesticides / SVOCs	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	112G00486-1162006-1
✓	11/5/06	11:12	SW-846 6020	TAL Metals + Tin	4°C	3	Glass	4 oz. wide-mouth clear w/Teflon cap	Do MS/MSD	112G00486-1162006-1

General Observations and Notes

MS/MSD done at this location (S2-SS-15) - 3 x volume

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SS-03-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SS-03	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	14:58	Trowel	na	0-0.3'	Other	black to grey rocky and sandy soil

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	14:59	SW-846 6010B	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

Location is co-located with S5-SS-01 through S5-SS-04 (all within a 2' radius of each other) but were collected as unique sample locations.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SS-04-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SS-04	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	15:02	Trowel	na	0-0.3'	Other	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	15:02	SW-846 6010B	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

Location is co-located with S5-SS-01 through S5-SS-04 (all within a 2' radius of each other) but were collected as unique sample locations.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SS-01-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SS-01	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	14:51	Trowel	na	0-0.2'	Other	

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	14:52	SW-846 6010B	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

Location is co-located with S5-SS-01 through S5-SS-04 (all within a 2' radius of each other) but were collected as unique sample locations.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S5-SS-02-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S5-SS-02	**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/8/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/8/06	14:56	Trowel	na	0-0.2'	Other	black rocky soil material with fine grained sand

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/8/06	14:57	SW-846 6010B	Arsenic	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

Location is co-located with S5-SS-01 through S5-SS-04 (all within a 2' radius of each other) but were collected as unique sample locations.

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-106-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-106	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:54	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:54	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-101-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-101	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:32	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:34	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-102-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-102	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:39	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:39	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-103-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-103	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:43	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:43	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-105-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-105	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:49	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:50	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SOIL SEDIMENT SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Sample ID #**	S4-SS-104-00-1106	**Created By**	John Wright
TtNUS Project #	112G00486	**Sample Location ID**	S4-SS-104	**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Sampled By**	John Wright	**Modified By**	John Wright
WBS Code #		**Concentration**	Low concentration	**Modified Date**	11/9/06
QA Sample Type				**Printed By**	Mike Whitten
Status	Working			**Printed Date**	11/20/07

Sample Collection Records

Date	Time	Method	Monitor (ppm)	Depth (ft)	Color	Description
11/9/06	10:47	Trowel	na	0-0.2'	Other	removed grass on surface and collected sample from location. Topsoil looking soil of grey to black dry sandy soil.

Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Preservative	Count	Type	Requirements	Comments	Chain#
✓	11/9/06	10:47	SW-846 6010B**	Antimony / Cadmium / Beryllium	4°C	1	Glass	8 oz. wide-mouth clear w/Teflon cap		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

eDATA Print New

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-01-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-01			**Printed Date**	11/20/07

Sample Collection Records

Date	11/3/06	**Color**	Clear	**Temp (C)**	
Time	13:30	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/3/06	13:30	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/3/06	13:30	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

surface water approximately 1 inch deep

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-02-00-1106 - DRY	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-02			**Printed Date**	11/20/07

Sample Collection Records

Date	11/3/06	**Color**		**Temp (C)**	
Time	14:29	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)		**S.C. (mS/cm)**		**Salinity (%)**	
Method	Other - define in notes	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #

General Observations and Notes

Location was dry. Sediment sample collected and location GPS'd

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-03-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-03			**Printed Date**	11/20/07

Sample Collection Records

Date	11/3/06	**Color**	rusty color	**Temp (C)**	
Time	15:10	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/3/06	15:10	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1
✓	11/3/06	15:10	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1

General Observations and Notes

permanent pond area - oriented north-south

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-04-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-04			**Printed Date**	11/20/07

Sample Collection Records

Date	11/3/06	**Color**	Clear - slight tea color	**Temp (C)**	
Time	16:27	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0.5'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/3/06	16:27	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/3/06	16:27	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-05-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-05			**Printed Date**	11/20/07

Sample Collection Records

Date	11/3/06	**Color**	clear to light tea	**Temp (C)**	
Time	16:49	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	3-4"	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/3/06	16:50	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/3/06	16:50	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-06-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-06			**Printed Date**	11/20/07

Sample Collection Records

Date	11/4/06	**Color**	CLEAR	**Temp (C)**	
Time	12:47	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0-0.5'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/4/06	12:47	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/4/06	12:47	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-07-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-07			**Printed Date**	11/20/07

Sample Collection Records

Date	11/4/06	**Color**	clear to tea color	**Temp (C)**	
Time	11:45	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0-0.5'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/4/06	11:45	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/4/06	11:57	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-08-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-08			**Printed Date**	11/20/07

Sample Collection Records

Date	11/4/06	**Color**	Clear	**Temp (C)**	
Time	10:10	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0-1'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/4/06	10:10	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/4/06	10:10	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/3/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-09-00-1106	**Status**	Complete	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-09			**Printed Date**	11/20/07

Sample Collection Records

Date	11/4/06	**Color**	Clear	**Temp (C)**	
Time	09:24	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0-0.5'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	Y				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/4/06	09:24	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/4/06	09:24	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

Field duplicate S1FD11040601 collected at this location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-01-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-01			**Printed Date**	11/20/07

Sample Collection Records

Date	11/6/06	**Color**		**Temp (C)**	
Time	10:10	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/6/06	10:15	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/6/06	10:15	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-03-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-03			**Printed Date**	11/20/07

Sample Collection Records

Date	11/6/06	**Color**	clear	**Temp (C)**	
Time	13:52	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/6/06	13:52	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/6/06	13:52	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

water depth approx 2.5' in open water

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-06-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-06			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	clear	**Temp (C)**	
Time	11:42	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	11:43	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/8/06	11:43	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 1' deep at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-05-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-05			**Printed Date**	11/20/07

Sample Collection Records

Date	11/6/06	**Color**	clear	**Temp (C)**	
Time	14:59	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/6/06	15:00	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/6/06	15:00	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

open water location

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-04-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-04			**Printed Date**	11/20/07

Sample Collection Records

Date	11/6/06	**Color**	clear	**Temp (C)**	
Time	14:26	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	4.0
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/6/06	14:26	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1
✓	11/6/06	14:26	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1

General Observations and Notes

open water. location out from pipe outlet approx 35'

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-07-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW-07			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	clear	**Temp (C)**	
Time	11:56	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	11:56	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/8/06	11:56	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 1.5' at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/6/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S5-SW-02-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S5-SW/SD-02			**Printed Date**	11/20/07

Sample Collection Records

Date	11/6/06	**Color**	clear	**Temp (C)**	
Time	10:50	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	Y				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/6/06	10:50	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1162006-1
✓	11/6/06	10:50	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1162006-1

General Observations and Notes

Field duplicate S5FD11060601 taken for SW at this location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-02-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-02			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	08:47	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	08:48	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/7/06	08:48	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 11' at location

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-07-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-07			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	15:08	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	15:09	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/7/06	15:09	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-10-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-10			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	16:20	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	16:21	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/7/06	16:21	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

Location at end of ditch from remediated area. Location at edge of mangrove root system.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-01-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-01			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	08:26	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0'	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	08:27	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/7/06	08:27	Pesticides / SVOCs	SW-846 8081 / 8270C	2	Glass	1L Amber	4°C	Run and report Salinity on sample. 2 of 3 bottles collected	112G00486-1192006-2

General Observations and Notes

water depth 12' at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-04-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-04			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	11:07	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	11:06	Pesticides / SVOCs	SW-846 8081 / 8270C	9	Glass	1L Amber	4°C	Do MS/MSD	112G00486-1192006-2
✓	11/7/06	11:06	TAL Metals + Tin	SW-846 6020	3	Plastic	500ml PE	4°C/HNO3	Do MS/MSD	112G00486-1192006-2

General Observations and Notes

water depth 8.5' at location. MS/MSD done at this location (both SW and SD).

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-08-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-08			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	15:31	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	15:31	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/7/06	15:31	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 8' at location

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-05-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-05			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	11:42	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	11:35	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/7/06	11:35	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 7.5' at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-06-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW-06			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	11:48	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	11:58	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/7/06	11:58	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 10' at location. Sediment (location number 6) was not obtainable at this location (jets taking off made this difficult).

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-03-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-03			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	09:18	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	09:19	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/7/06	09:19	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 13' at location

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/7/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-09-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW-09			**Printed Date**	11/20/07

Sample Collection Records

Date	11/7/06	**Color**	clear	**Temp (C)**	
Time	15:53	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/7/06	15:50	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/7/06	15:50	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 8' at location

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-11-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-11			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	clear	**Temp (C)**	
Time	08:27	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	08:27	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/8/06	08:27	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 2' at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-13-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-13			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	clear	**Temp (C)**	
Time	09:43	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	09:53	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/8/06	09:53	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

sample location at end of "remediation" area in ditch. Location as close to mangrove cover as possible. Mangroves completely covering ditch from remediation area to the main "large" pond. *** Photo taken location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S2-SW-12-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S2-SW/SD-12			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	clear	**Temp (C)**	
Time	08:44	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	08:45	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C	Run and report Salinity on sample	112G00486-1192006-2
✓	11/8/06	08:45	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 3' at location. Requested lab to run salinity on sample.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-13-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-13			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	08:12	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	08:16	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/9/06	08:16	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

No Notes

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-11-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-11			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	almost clear to slight tea color	**Temp (C)**	
Time	16:33	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	16:43	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/8/06	16:43	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 4 inches at sample location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-12-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-12			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	07:41	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	07:41	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2
✓	11/9/06	07:41	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2

General Observations and Notes

water depth 5 inches at location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/8/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S1-SW-10-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S1-SW/SD-10			**Printed Date**	11/20/07

Sample Collection Records

Date	11/8/06	**Color**	slight tea color	**Temp (C)**	
Time	16:14	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0-3"	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/8/06	16:14	Pesticides / SVOCs	SW-846 8081 / 8270C	3	Glass	1L Amber	4°C		112G00486-1192006-2
✓	11/8/06	16:14	TAL Metals + Tin	SW-846 6020	1	Plastic	500ml PE	4°C/HNO3		112G00486-1192006-2

General Observations and Notes

water depth 6 inches at sample location.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S4-SW-01-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S4-SW-01			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	13:50	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	13:50	Antimony	SW-846 6010B	1	Plastic	250ml PE	4°C		112G00486-1192006-2

General Observations and Notes

water depth 2' at location. many minnows swimming around very soft sediment in area.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S4-SW-02-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S4-SW-02			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	14:02	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	14:02	Antimony	SW-846 6010B	1	Plastic	250ml PE	4°C		112G00486-1192006-2

General Observations and Notes

water depth 2' at location. many minnows swimming around very soft sediment in area.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S4-SW-03-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S4-SW-03			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	14:15	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	14:15	Antimony	SW-846 6010B	1	Plastic	250ml PE	4°C		112G00486-1192006-2

General Observations and Notes

water depth 2' at location. many minnows swimming around very soft sediment in area.

- End of Report -

Tetra Tech NUS, Inc.

SURFACE WATER SAMPLING LOG

Storm Surge Assessment - Round 1 - KEY WEST NAS

Project Information

Facility Name	KEY WEST NAS	**Project Manager (PM)**	Chuck Bryan	**Created By**	John Wright
TtNUS Project #	112G00486	**PM Telephone**		**Created Date**	11/9/06
Task/Contract #	CTO 0044	**Field Op Leader (FOL)**	Gary Braganza	**Modified By**	
WBS Code #	05.110	**FOL Phone**		**Modified Date**	
Sample ID Number	S4-SW-04-00-1106	**Status**	Working	**Printed By**	Mike Whitten
Sample Location ID	S4-SW-04			**Printed Date**	11/20/07

Sample Collection Records

Date	11/9/06	**Color**	clear	**Temp (C)**	
Time	14:25	**pH (S.U.)**		**ORP (mV)**	
Depth (ft.)	0	**S.C. (mS/cm)**		**Salinity (%)**	
Method	Direct bottle	**DO (mg/L)**			
MS/MSD Collected		**Turbidity (NTUs)**			
Duplicate Collected	N				
Duplicate ID					

Laboratory Analysis Records

Collected	Date	Time	Analysis / Method	Description of Analysis	Count	Type	Requirements	Preservative	Comments	Chain of Custody #
✓	11/9/06	14:25	Antimony	SW-846 6010B	1	Plastic	250ml PE	4°C		112G00486-1192006-2

General Observations and Notes

water depth 2' at location. many minnows swimming around very soft sediment in area.

- End of Report -