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FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS FOR ALTERNATIVES FOR THE FORMER WATER TOWER SITE WITH TRANSMITTAL LETTER

NAS KEY WEST FL

7/19/2004

TETRA TECH NUS

TETRA TECH NUS, INC.

AIK-04-0159

July 19, 2004

Project Number HK N0639

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Department of the Navy
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Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0349

Subject: Field Summary Report and Engineer's Evaluation/Cost Analysis for Alternatives for the Former Water Tower Site, Rev. 0, Naval Air Station, Key West, Florida

Dear Mr. Reed:

I have enclosed a CD containing the PDF file for the Final Field Summary Report and Engineer's Evaluation/Cost Analysis for Alternatives for the Former Water Tower Site, Rev. 0, Naval Air Station, Key West, Florida. The file is being distributed to some of 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 0349. Considering the fast track schedule I would appreciate any comments on this document.

Please call me at (803) 649-7963, extension 345, if you have any questions regarding the enclosed document.

Sincerely,

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Field Summary Report and Engineering Evaluation/Cost Analysis of Alternatives for the Former Water Tower Site

Naval Air Station
Key West, Florida

Southern Division
Naval Facilities Engineering Command

Contract Number N62467-94-D-0888
Contract Task Order 0349

July 2004

Rev. 0
07/19/04

FIELD SUMMARY REPORT
AND
ENGINEERING EVALUATION/COST ANALYSIS OF ALTERNATIVES

FOR

FORMER WATER TOWER SITE
NAVAL AIR STATION
KEY WEST, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
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July 2004

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ACRONYMS

bls	below land surface
BRAC	Base Realignment and Closure
CLEAN	Comprehensive Long-term Environmental Action Navy
CTO	Contract Task Order
DPT	Direct-Push Technology
DQO	Data Quality Objective
DRMO	Defense Reutilization and Marketing Office
EE/CA	Engineering Evaluation/Cost Analysis
EM	electromagnetic
EMAC	Environmental Multiple Award Contractor
FDEP	Florida Department of Environmental Protection
FRTR	Federal Remediation Technologies Roundtable
GPR	Ground Penetrating Radar
GPS	Global Positioning System
IDW	investigation-derived waste
LOD	limit of detection
MHz	megahertz
MS	matrix spike
MSD	matrix spike duplicate
NAS	Naval Air Station
NAVFAC EFD SOUTH	Southern Division, Naval Facilities Engineering Command
PCB	Polychlorinated Biphenyl
ppm	parts per million
QC	quality control
RACR	Removal Action Completion Report
RCRA	Resource Conservation and Recovery Act
RPD	relative percent difference
SOP	Standard Operating Procedure
SSI	Supplemental Site Inspection
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
TtNUS	Tetra Tech NUS, Inc.
XRF	x-ray fluorescence

1.0 INTRODUCTION

Tetra Tech NUS, Inc. (TtNUS) has been contracted by the Department of the Navy, Southern Division, Naval Facilities Engineering Command (NAVFAC EFD SOUTH) to support the expedited removal action at the Former Water Tower Site at the Naval Air Station (NAS) Key West, Florida. TtNUS support activities include performing delineation and confirmation sampling, preparing the Work Plan for the removal action and performing an Engineering Evaluation and Cost Analysis (EE/CA) of remediation alternatives for the site. This report is intended to 1) document the results of the delineation sampling event; 2) provide a Work Plan for the expedited removal action and confirmation sampling; and 3) document the results of the EE/CA. This report was prepared under the Comprehensive Long-term Environmental Action Navy (CLEAN) Contract Number N62467-94-D-0888, Contract Task Order (CTO) Number 0349.

1.1 REPORT ORGANIZATION

This report consists of four chapters. Chapter 1 includes the introduction, purpose, and scope of the document; a facility description; and history of the Former Water Tower Site. Chapter 2 is the Field Summary Report for the delineation sampling effort. Chapter 3 is the Removal Action Work Plan and provides the elements of the expedited removal action and the process used during the sampling support activities. Chapter 4 documents the results of the EE/CA.

1.2 SITE BACKGROUND AND HISTORY

Several installations in various parts of the lower Florida Keys comprise NAS Key West. The Navy manages 6,323 acres of land divided into 20 separate tracts in the lower Florida Keys, concentrated around Key West and Boca Chica Key (Figure 1-1) in southern Monroe County (Brown and Root Environmental, 1998). Key West is approximately 150 miles southwest of Miami and 90 miles north of Havana, Cuba. Key West connects to the mainland by the Overseas Highway (U.S. Highway 1). The environmental setting at Key West is described in the Supplemental Site Inspection (SSI) Work Plan for BRAC (Base Realignment and Closure) Parcels at Truman Annex (TtNUS, 1999a).

The Former Water Tower Site is located in an area known as the Defense Reutilization and Marketing Office (DRMO) Waste Storage Area at Truman Annex (Figure 1-2). In the past, this area was used primarily to store metal debris, including motors, vehicles, boats, refugee debris, and fuel trucks. Some hazardous materials were also stored at the DRMO Waste Storage Area. Several investigations were conducted to determine the nature and extent of contamination at the DRMO Waste Storage Area.

These investigations are summarized in the SSI Report for BRAC Parcels at Truman Annex (TtNUS, 1999b). The DRMO Waste Storage Area was remediated in 1999. Approximately 16,000 tons of soil were removed from the area and replaced with clean backfill (Bechtel Environmental, Inc., 1999). The excavated area is shown in Figure 1-2. In 2003, the area was transferred from Navy ownership to the City of Key West. A water tower remained on the property. The water tower and an area immediately surrounding the tower that measures 170 feet by 171.95 feet were retained by NAS Key West. In September 2003, the water tower was removed. The Navy plans to reclassify the Former Water Tower Site before the end of fiscal year 2004. However, soil contamination from lead-based paint used on the water tower was identified (Falcon, 2003). Low concentrations of polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs) and inorganic chemicals have also been detected in the surface soil at the water tower site during previous investigations. Therefore, the Navy has determined that an expedited removal action is needed in order to reclassify the site by the end of fiscal year 2004.

2.0 DELINEATION SAMPLING FIELD SUMMARY REPORT

In June 2004, TtNUS performed delineation sampling to support the expedited removal action at the Former Water Tower Site at the NAS Key West, Florida. The field work was performed in accordance with the Work Plan for Delineation and Confirmation Sampling to Support the Expedited Removal Action at the Truman Annex Water Tower Site, Naval Air Station Key West (TtNUS, 2004). Due to uncertainty about the location of underground structures a geophysical survey was performed prior to sampling. After which, soil delineation samples were collected. This chapter evaluates the data gathered during the field effort and identifies those areas at the Former Water Tower Site that require remedial activities prior to transfer of the property.

2.1 GEOPHYSICAL INVESTIGATION

Geophysical methods including electromagnetic (EM) equipment and ground penetrating radar (GPR) were used (3 June 2004 through 7 June 2004) to perform a survey of the Truman Annex Water Tower foundation and surrounding area (approximately 170 feet by 170 feet). The objectives of the survey were to:

- Identify and mark the locations of the subsurface tower footing structures.
- Identify and mark any utilities in the area.

A Geonics EM61 High Sensitivity Metal Detector (EM61) was used to locate or detect the possible presence of metallic objects including anchor bars in the tower footings, metallic utilities, and any other objects that may be in the area. GPR was used to investigate the possible presence of non-metallic utilities and concrete tower footing structures.

2.1.1 <u>EM61 High Sensitivity Metal Detector Survey</u>

The EM61 is a high-sensitivity, high-resolution time-domain metal detector that is used to detect both ferrous and non-ferrous metallic objects. It consists of a transmitter that generates a pulsed primary magnetic field, inducing eddy currents in nearby metallic objects. Two receiver coils measure the decay of these currents. By making the measurements at a relatively long time interval after the primary pulse is transmitted, the response is practically independent of the electrical conductivity of the ground.

A sampling grid consisting of 16 grid cells, each measuring 42.5 feet by 43 feet, was established on the ground surface (Figure 2-1). The EM61 data were collected along traverses oriented perpendicular and parallel to the sampling grid lines. For the traverses oriented roughly north-south, the line spacing was 5

feet. For the traverses oriented roughly east-west, the line spacing was 10 feet. The EM61 data were interpreted in real-time, and anomalies were marked in the field with pin flags or surveyors flagging tape.

2.1.2 GPR Survey

A GSSI SIR 3000 GPR device equipped with a 400 megahertz (MHz) transducer was used to perform the investigation. GPR techniques are based upon the rapid and repetitive transmission of EM signals (pulses) generated from the device's transducer and propagated into the subsurface. The transmitted EM signal travels through the subsurface and is reflected at interfaces where contrasts in the electrical properties of the media are present. Interfaces where GPR reflections occur include changes in soil mineralogy, soil texture, moisture content, or the presence of a buried man-made feature such as a utility, pipe, or concrete structure. The device's transducer receives the reflected portion of the transmitted EM signal. The two-way travel time and reflected signal amplitude versus the horizontal distance the instrument has traveled are displayed on the output of the instrument.

The time it takes a GPR signal to travel from the transducer, reflect off of a target, and return to the transducer is called the two-way reflection time. Two-way reflection times are displayed in units of nanoseconds and vary depending on the electrical properties of the subsurface materials. GPR signals in clayey soils, fill, shale, or saline groundwater attenuate rapidly due to the high conductivity, limiting the depths of investigation. Conversely, the depth of investigation is often much greater in dry sandy soils relative to clayey soils.

GPR data were collected along traverses oriented perpendicular and parallel to the sampling grid lines (Figure 2-1). For the traverses oriented roughly north-south, the line spacing was 10 feet. For the traverses oriented roughly east-west, the line spacing was originally specified at 20 feet. However, due to uncertainty regarding the dimensions of the water tower footers, this line spacing was changed to 10 feet. during the field operations. Due to a shallow water table at the Former Water Tower Site, the depth of investigation was set at 10 feet. The GPR data were interpreted in real-time and anomalies were marked in the field with pin flags or surveyors flagging tape.

2.1.3 Anomaly Locations

The locations of the anomalies marked in the field were recorded with a Trimble PRO XRS Global Positioning System (GPS) device.

2.1.4 Survey Results

Numerous anomalies at shallow depths were detected with both the EM61 and the GPR. Figure 2-2 shows these anomalies. Several linear anomalies that may indicate utilities were identified during the survey. The most prominent linear features are labeled L-1 through L-8. Two of the linear features were tentatively identified in the field as the old water line and a new water line. The feature labeled L-1 on the figure was not seen in the EM61 data, but was a prominent anomaly in the GPR data. This feature is assumed to be a new water line constructed of plastic pipe. The feature identified as the old water line (L-2) was prominent in both the EM61 and the GPR data. This line is assumed to be an iron pipe. Linear features L-3 through L-8 shown in Figure 2-2 are possible, active or inactive, utility lines. The other linear features are fairly short and probably represent buried objects that are relatively long in one direction. For example, a steel plate approximately 2.5 feet long by 0.5 feet wide by 0.5 inches thick was found in the area. A conservative approach was used during the interpretation; that is anomalies were connected into a linear feature if there was any doubt.

Many isolated anomalies were also detected and marked in the field. These anomalies may be due to metallic debris associated with the demolition of the former water tower. Such debris was visible on the surface in many areas, especially to the west of the former tower location.

Eight prominent area anomalies (A-1 through A-8) were also identified during the survey (Figure 2-2). Anomalies A-1 through A-6 were interpreted as the footers for the former water tower. The geometry and spacing of these anomalies supports this interpretation. The shape of anomaly A-6 was probably distorted by the nearby linear feature interpreted to be the old water line (L-2). Anomaly A-7 was interpreted as a pipe vault or similar structure associated with the former water tower. Area anomaly A-8 may represent several individual anomalies that were spaced closely together. The other smaller area anomalies may represent groups of individual objects.

2.1.5 Conclusions

The results of the geophysical survey indicate that the footing structures of the former water tower were found. In addition, a prominent feature was interpreted as a pipe vault or similar structure between the six tower footers. Two linear features were identified as probable water lines. Other linear features detected may represent active or inactive utility lines, or portions of such utilities. Numerous isolated anomalies were also detected that may be associated with metallic debris from the water tower demolition.

2.2 DELINEATION SAMPLING

In June 2004, a total of 80 soil borings were installed utilizing direct-push technology (DPT). Sixteen grid cells, each measuring 42.5 feet by 43 feet, were designated on the ground surface. Within each cell, five soil borings (A, B, C, D, and E) were installed to a final depth of 24 inches below land surface (bls) (Figure 2-1). Samples were collected from three intervals: 0 to 6 inches, 6 to 12 inches, and 12 to 24 inches. This collection method was a modification of the Delineation and Confirmation Sampling Workplan (TtNUS, 2004), intended to meet the proposed Florida Department of Environmental Protection (FDEP) regulations (Chapter 62-780 F.A.C.).

Quality Control (QC) samples were collected as specified in the FDEP Standard Operating Procedure (SOP) FQ1000 – Field Quality Control Requirements (FDEP, 2002) and the Tetra Tech Corporate Quality Assurance Manual (TtNUS, 2002a). Duplicate samples were collected at the rate of one per 10 samples. Matrix spike and matrix spike duplicate (MS/MSD) samples were collected at the rate of one per 20 samples per matrix. Equipment blanks were collected at a minimum of 5 percent of each reported test result/matrix combination.

Soil sampling was performed in accordance with FDEP SOPs (FDEP, 2002). All sample collections were cleared for utilities by TtNUS prior to sampling. All soil samples were analyzed in the field for lead using x-ray fluorescence (XRF) to provide immediate results. The soil samples taken from grid cells 6, 7, 10, and 11 were analyzed for PCBs in the field using immunoassay field test kits and at a fixed-base laboratory. All soil samples collected from the center of the grid cells were analyzed at a fixed-base laboratory for the following suite of parameters:

- Target Analyte List (TAL) Metals plus Tin
- Target Compound List (TCL) SVOCs

2.2.1 PCB Analysis

2.2.1.1 Immunoassay

The immunoassay was used for field analysis because of its speed, sensitivity, selectivity, and relatively easy use. The PCB results obtained by the immunoassay were compared with those of the fixed-base laboratory to determine any correlation that could be applied during confirmation sampling to provide immediate PCB results for field decisions.

Strategic Diagnostics Inc, of Newark, Delaware provided two kits, a sample extraction kit and an Ensys PCB Soil Test Kit (EPA Method 4020), for the immunoassay field analysis. The Ensys PCB Soil Test Kit is a semi-quantitative enzyme immunoassay used for the detection of PCBs in soil. The method identifies 95% of samples that are PCB-free and those containing 1 parts per million (ppm) or greater of PCBs. The kit standard provided was Aroclor-1248 (which is approximately 48% chlorine by weight), with a detection range of 1.0 to 500 ppm.

The determination of the presence of PCBs was made by comparing the color developed by a sample of unknown concentration with the color formed by the standard containing the analyte (Aroclor-1248) at a known concentration. The determination of the PCB concentration in the sample was interpreted relative to the kit standard by reading with a spectrophotometer.

Twelve soil samples collected adjacent to the tower footings on June 8, 2004 were stored in ziploc® bags until analysis. The samples were analyzed in the field for the presence of PCBs on June 9, 2004. The samples were not diluted and specific quantification levels were not achieved. Duplicate standards were run to provide an internal test system QC. The standard used during the second round of testing (-0.38) was greater than the recommended QC limit of less than 0.30 (irrespective of the sign + or -) therefore the results may be invalid. The -0.38 standard was used because it was closest to the -0.30 limit of the two standards produced. The second standard was even further outside of the QC limit. The results obtained from the immunoassay are presented in Table 2-1.

A positive photometer reading indicates that the PCB concentration in the sample is less than the testing level (standard) in the sample. A negative or zero photometer reading indicates that the PCB concentration in the sample is greater than or equal to the testing level (standard). The immunoassay results indicated the presence of PCBs at concentrations greater than 500 ppm for all samples except C03D-11C-24-0604.

2.2.1.2 Fixed-Base Laboratory

Fifteen soil samples; twelve standard samples, one duplicate of C03D-07C-24-0604 (KW-DUP-05-0604), and one each MS/MSD at the interval of 12 to 24 inches (C03D-10C-24-0604MS and C02D-10C-24-0604MSD), and one rinsate blank were sent to Accutest Laboratories for PCB analysis. All analyses were conducted in accordance with Naval Facilities Engineering Service Center Quality Assurance/Quality Control criteria using SW-846 Method 8082 analysis and reporting protocols.

The validated fixed-base laboratory results are presented in Table 2-2.

Field duplicate imprecision (RPD>50%) (relative percent difference) was noted for Aroclor-1260 in the KW-DUP-05-0604/C03D-07C-24-0604 sample pair. Positive results for Aroclor-1260 were qualified as estimated "J" in this sample pair only.

The MS/MSD performed on sample C03D-10C-24-0604 has percent recovery less than the quality control limit for Aroclor-1260 in the MS. No action was taken on this basis.

All the samples excluding KW-DUP-05-0604, C03D-11C-12-0604, C03D-11C-24-0604, the MS/MSD, and the rinsate blank analyzed for PCB required dilutions due to high concentrations of Aroclor-1254 and/or Aroclor-1260. The dilutions resulted in elevated detection limits for the non-detected PCBs.

Aroclor-1260 was detected in all soil samples and Aroclor-1254 was detected in grid cell 6 in the 0 to 6 inch depth. Aroclor-1260 exceeded its associated action level in seven of the twelve soil samples. Figure 2-3 shows the sample locations and depths where exceedences were detected.

2.2.1.3 Laboratory and Immunoassay Results Correlation

A comparison of the fixed-base laboratory results to the immunoassay results based on Aroclor-1248 standard indicate that immunoassay is a good screening tool for detecting the presence of PCBs in soil. However, due to the large disparity between the PCB concentrations detected at the fixed-base laboratory and the immunoassay results taken in the field, a direct correlation between the two methods cannot be reached at this time. For example the immunoassay results for samples C03D-06C-24-0604, C03D-10C-06-0604, and C03D-10C-12-0604 were greater than 500 ppm, but the fixed-base laboratory results were 11.4 ppm, 2.16 ppm, and 0.313 ppm, respectively. To better determine the quantitative relationship between the results of the two testing methods, TtNUS recommends that during confirmation sampling, Aroclor-1260 be used as the standard (Aroclor-1260 was detected in all the PCB samples) and that the samples be diluted to further increase the quantitative properties of the immunoassay.

2.2.2 <u>Metals Analysis</u>

2.2.2.1 XRF

The XRF was used for field lead analysis because of its speed, and relatively easy use. The XRF lead results obtained were compared with those from the fixed-base laboratory, and used to determine any direct correlation that can be applied during confirmation sampling to provide immediate lead results for field decisions.

The results obtained from the XRF are presented in Table 2-4.

Because some of the XRF lead readings were below the detection limits of the instrument, readings within a range (+/-) were provided. The range is provided by the instrument at the time the reading is taken.

2.2.2.2 Fixed-Base Laboratory

Fifty-two soil samples including four duplicates [KW-DUP-01-0604 (C03D-01C-06-0604), KW-DUP-02-0604 (C03D-01C-12-0604), KW-DUP-03-0604 (C03D-01C-24-0604), KW-DUP-04-0604 (C03D-15C-0604)] were sent to Accutest Laboratories for analysis. Metals analyses, except mercury, were conducted using SW846 method 6010B. Mercury analyses were conducted using SW846 method 7471A.

Lead was detected in all 16 grid cells. In cells 1, 5, 6, 7, 8, 10, 12, 14, and 16 lead was detected at all sample depths. In cell 4, lead was detected in the 0 to 6 inch depth only. In cells 2 and 9, lead was detected in the 0 to 6 inch and 12 to 24 inch depth samples. In cells 3, 11, and 13, lead was detected in the 0 to 6 inch and 6 to 12 inch depth samples. Lead was detected in the 6 to 12 inch and 12 to 24 inch samples in cell 15. In cell 5, lead concentrations exceeded the action level in the 0 to 6 inch depth. All other lead concentrations were below the action level. The validated fixed-base laboratory results for lead are presented in Table 2-5. Figure 2-3 shows the sample locations where exceedences were detected.

2.2.2.3 Laboratory and XRF Results Correlation

A comparison between the fixed-base laboratory and the XRF lead results is represented in Table 2-6.

Due to the disparity between the XRF and the fixed-base laboratory results a direct correlation cannot be determined.

2.2.2.4 Metals (Other Than Lead)

The validated laboratory results for metals other than lead are presented in Table 2-7. Aluminum, arsenic, barium, calcium, chromium, copper, iron, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc were detected in all samples. Antimony, cadmium, cobalt, mercury, silver, and tin, were also detected in some of the samples. In general, the concentrations of metals found in the soil samples were well below their associated action levels. In the sample from the 0 to 6 inch depth of cell 5,

antimony and arsenic were detected at concentrations that slightly exceeded their associated action levels. The concentration of antimony exceeded the action level in the sample taken from the 0 to 6 inch depth of cell 6. The concentration of arsenic slightly exceeded the action level in the sample taken from the 12 to 24 inch depth of cell 6. No other exceedences were noted. Figure 2-3 shows the sample locations where exceedences were detected.

2.2.3 SVOC Analysis

Fifty-two soil samples including four duplicates [KW-DUP-01-0604 (Co3D-01C-06-0604), KW-DUP-02-0604 (C03D-01C-12-0604), KW-DUP-03-0604 (C03D-01C-24-0604), KW-DUP-04-0604 (C03D-15C-0604)] were sent to Accutest Laboratories for analysis. SVOC analyses were conducted using SW846 method 8270C.

The validated fixed-base laboratory results for lead are presented in Table 2-8. SVOCs were detected in samples from grid cells 1, 7, 10, 11, and 13. In general, the concentrations of SVOCs in the soil samples were well below their associated action levels. The concentration of benzo(a)pyrene exceeded the action level in the sample taken from the 6 to 12 inch depth of cell 10. No other SVOC exceedences were noted. Figure 2-3 shows the sample location where the exceedence was detected.

2.2.4 Conclusions and Recommendations

A comparison of residential action levels to fixed-base laboratory analytical results was made yielding a favorable or nonfavorable comparison. If the comparison was favorable (i.e., parameter concentrations are less than the selected action level), then the grid cell was considered “clean” and that area will not be excavated. If the comparison was not favorable, the grid cell was slated for excavation. A review of the fixed-base laboratory results shows that nonfavorable comparisons (exceedences) were noted in grid cells 5, 6, 7, 10, and 11.

In grid cell 5, lead was detected at a concentration that exceeds its action level. In addition, arsenic and antimony were detected at levels slightly above their respective action levels in grid cell 5. These exceedences were all noted in the 0 to 6 inch depth. TtNUS recommends that grid cell 5 be excavated to a depth of six inches.

In grid cells 6, 7, 10, and 11, Aroclor-1260 was detected at concentrations that exceed its action level. In cells 6 and 7, Aroclor-1260 exceedences were noted at all depths. In cells 10 and 11, Aroclor-1260 exceedences were noted at the 0 to 6 inch depth. In addition, antimony and lead were detected in cell 6 at the 0 to 6 inch depth at concentrations above their respective action levels. Benzo(a)pyrene was also

detected in cell 10 at the 6 to 12 inch depth at a concentration above its action level. Lead was also detected in cell 11 at the 0 to 6 inch depth at a concentration above its action level. TtNUS recommends that all four grid cells be excavated to a depth of 24 inches.

The estimated limits of excavation are indicated on Figure 2-4. The EE/CA supporting the selection of excavation and disposal as the remedial action alternative for the Former Water Tower Site is provided in chapter 4.

Benzo(a)pyrene was the only SVOC detected at an estimated concentration slightly above its action level during delineation sampling. The excavation of the grid cell 10, the cell where the exceedence was noted, will be deeper than the depth at which benzo(a)pyrene was detected. Therefore, TtNUS recommends that confirmation sampling not include laboratory analysis of SVOCs based on the absence of SVOCs detected during the delineation sampling phase.

TABLE 2-1

PCB IMMUNOASSAY RESULTS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Sample ID	Weight (g)	Standard	Photometric Result	Result (ppm)
C03D-06C-06-0604	10.1	-0.0	-0.67 (clear)	>500
C03D-06C-12-0604	9.9	-0.0	-0.60 (tinted)	>500
C03D-06C-24-0604	10.1	-0.0	-0.70 (clear)	>500
C03D-10C-06-0604	10.0	-0.0	-0.70 (clear)	>500
C03D-10C-12-0604	10.1	-0.0	-0.70 (clear)	>500
C03D-10C-24-0604	10.1	-0.38	-0.65 (clear)	>500
C03D-07C-06-0604	9.9	-0.26	-0.65 (clear)	>500
C03D-07C-12-0604	9.9	-0.26	-0.18 (yellow)	>500
C03D-07C-24-0604	10.0	-0.26	-0.65 (clear)	>500
C03D-11C-06-0604	10.0	-0.38	-0.85 (clear)	>500
C03D-11C-12-0604	10.1	-0.38	-0.57 (tinted)	>500
C03D-11C-24-0604	9.9	-0.38	0.07 (yellow)	<500

TABLE 2-2

PCBS DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Sample ID	Parameter	Result (ppb)	Qualifier	Action Level (ppb)
C03D-06C-12-0604	Aroclor-1254	109	J	500
C03D-06C-06-0604	Aroclor-1260	842		500
C03D-06C-12-0604	Aroclor-1260	517	J	
C03D-06C-24-0604	Aroclor-1260	11400		
C03D-10C-06-0604	Aroclor-1260	2160		
C03D-10C-12-0604	Aroclor-1260	313		
C03D-10C-24-0604	Aroclor-1260	265		
C03D-07C-06-0604	Aroclor-1260	3270		
C03D-07C-12-0604	Aroclor-1260	442		
C03D-07C-24-0604-AVG	Aroclor-1260	932	J	
C03D-11C-06-0604	Aroclor-1260	17200		
C03D-11C-12-0604	Aroclor-1260	114		
C03D-11C-24-0604	Aroclor-1260	16.4	J	

Shading indicates a concentration in excess of the selected screening value.

The notation "-AVG" indicates that duplicate samples were collected and the results were averaged.

J – The associated value is an estimated quantity.

TABLE 2-3

COMPARISON OF FIXED-BASE LABORATORY AND IMMUNOASSAY PCB RESULTS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Sample ID	Concentration (ppm)	
	Lab Analysis	Immunoassay
C03D-06C-06-0604	0.842	>500
C03D-06C-12-0604	0.517	>500
C03D-06C-24-0604	11.400	>500
C03D-10C-06-0604	2.160	>500
C03D-10C-12-0604	0.313	>500
C03D-10C-24-0604	0.265	>500
C03D-07C-06-0604	3.270	>500
C03D-07C-12-0604	0.442	>500
C03D-07C-24-0604-AVG	0.932	>500
C03D-11C-06-0604	17.200	>500
C03D-11C-12-0604	0.114	>500
C03D-11C-24-0604	0.0164	<500

Results in this table are presented in ppm to facilitate comparison.

The notation "-AVG" indicates that duplicate samples were collected and the fixed-base laboratory results were averaged.

TABLE 2-4

SOIL XRF RESULTS FOR LEAD
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2

Sample ID	Concentration (ppm)	
	Lead	Lead +/-
C03D-01C-06-0604	46.87	9.15
C03D-01C-12-0604	<LOD	24.43
C03D-01C-24-0604	<LOD	24.72
C03D-02C-06-0604	85.01	10.13
C03D-02C-12-0604	<LOD	24.75
C03D-02C-24-0604	<LOD	33.13
C03D-03C-06-0604	<LOD	25.31
C03D-03C-12-0604	<LOD	25.58
C03D-03C-24-0604	<LOD	24.37
C03D-04C-06-0604	<LOD	24.99
C03D-04C-12-0604	<LOD	23.74
C03D-04C-24-0604	<LOD	24.03
C03D-05C-06-0604	1035.4	27.44
C03D-05C-12-0604	<LOD	35.65
C03D-05C-24-0604	<LOD	35.69
C03D-06C-06-0604	507.17	17.51
C03D-06C-12-0604	231.25	13.44
C03D-06C-24-0604	678.76	22.57
C03D-07C-06-0604	125.32	12.38
C03D-07C-12-0604	481.16	19.52
C03D-07C-24-0604	<LOD	26.11
C03D-08C-06-0604	133.31	11.1
C03D-08C-12-0604	<LOD	23.64
C03D-08C-24-0604	710.13	20.79
C03D-09C-06-0604	<LOD	24.1
C03D-09C-12-0604	<LOD	23.81
C03D-09C-24-0604	<LOD	23.35
C03D-10C-06-0604	190.67	14.91
C03D-10C-12-0604	<LOD	35.5
C03D-10C-24-0604	<LOD	34.63
C03D-11C-06-0604	1486.55	31.08
C03D-11C-12-0604	43.79	9.07
C03D-11C-24-0604	124.35	10.51
C03D-12C-06-0604	<LOD	25.34
C03D-12C-12-0604	<LOD	24.31
C03D-12C-24-0604	78.6	12.51
C03D-13C-06-0604	57.69	12.46
C03D-13C-12-0604	<LOD	35.41

TABLE 2-4

SOIL XRF RESULTS FOR LEAD
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2

Sample ID	XRF	
	Lead	Lead +/-
C03D-13C-24-0604	<LOD	36.26
C03D-14C-06-0604	107.6	10.87
C03D-14C-12-0604	<LOD	24.09
C03D-14C-24-0604	<LOD	23.74
C03D-15C-06-0604	<LOD	24.92
C03D-15C-12-0604	<LOD	24.74
C03D-15C-24-0604	<LOD	33.52
C03D-16C-06-0604	<LOD	24.26
C03D-16C-12-0604	<LOD	25.02
C03D-16C-24-0604	36.13	8.89

LOD - Limit of detection

TABLE 2-5

LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2

Sample ID	Results (ppm)	Qualifier	Action Level (ppm)
C03D-01C-06-0604-AVG	5.4875		400
C03D-01C-12-0604-AVG	1.785		
C03D-01C-24-0604-AVG	23.45		
C03D-02C-06-0604	101		
C03D-02C-24-0604	2.9		
C03D-03C-06-0604	1.6		
C03D-03C-12-0604	1		
C03D-04C-06-0604	6.1		
C03D-05C-06-0604	595		
C03D-05C-12-0604	2.5		
C03D-05C-24-0604	1.4		
C03D-06C-06-0604	3620		
C03D-06C-12-0604	359		
C03D-06C-24-0604	85.4		
C03D-07C-06-0604	28.4		
C03D-07C-12-0604	25.1		
C03D-07C-24-0604-AVG	167		
C03D-08C-06-0604	9.2		
C03D-08C-12-0604	1.4		
C03D-08C-24-0604	33.5		
C03D-09C-06-0604	5.7		
C03D-09C-24-0604	1.7		
C03D-10C-06-0604	20.9		
C03D-10C-12-0604	9.2		
C03D-10C-24-0604	7.2		
C03D-11C-06-0604	613		
C03D-11C-12-0604	4.2		
C03D-12C-06-0604	1.6		
C03D-12C-12-0604	3.9		
C03D-12C-24-0604	14.3		
C03D-13C-06-0604	288		
C03D-13C-12-0604	1.7		
C03D-14C-06-0604	8.9		
C03D-14C-12-0604	25.5		
C03D-14C-24-0604	3.8		

TABLE 2-5

LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2

Sample ID	Results (ppm)	Qualifier	Action Level (ppm)
C03D-15C-12-0604-AVG	1.0725		400
C03D-15C-24-0604	9.9		
C03D-16C-06-0604	9.3		
C03D-16C-12-0604	13.5		
C03D-16C-24-0604	35.7		

Shading indicates a concentration in excess of the selected screening value.

The notation “-AVG” indicates that duplicate samples were collected and the results were averaged.

TABLE 2-6

COMPARISON OF FIXED-BASE LABORATORY AND XRF LEAD RESULTS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2

Sample ID	XRF Lead (ppm)	Laboratory Lead (ppm)
C03D-01C-06-0604-AVG	46.87	5.4875
C03D-01C-12-0604-AVG	<LOD	1.785
C03D-01C-24-0604-AVG	<LOD	23.45
C03D-02C-06-0604	85.01	101
C03D-02C-24-0604	<LOD	2.9
C03D-03C-06-0604	<LOD	1.6
C03D-03C-12-0604	<LOD	1
C03D-04C-06-0604	<LOD	6.1
C03D-05C-06-0604	1035.4	595
C03D-05C-12-0604	<LOD	2.5
C03D-05C-24-0604	<LOD	1.4
C03D-06C-06-0604	507.17	3620
C03D-06C-12-0604	231.25	359
C03D-06C-24-0604	678.76	85.4
C03D-07C-06-0604	125.32	28.4
C03D-07C-12-0604	481.16	25.1
C03D-07C-24-0604-AVG	<LOD	167
C03D-08C-06-0604	133.31	9.2
C03D-08C-12-0604	<LOD	1.4
C03D-08C-24-0604	710.13	33.5
C03D-09C-06-0604	<LOD	5.7
C03D-09C-24-0604	<LOD	1.7
C03D-10C-06-0604	190.67	20.9
C03D-10C-12-0604	<LOD	9.2
C03D-10C-24-0604	<LOD	7.2
C03D-11C-06-0604	1486.55	613
C03D-11C-12-0604	43.79	4.2
C03D-12C-06-0604	<LOD	1.6
C03D-12C-12-0604	<LOD	3.9
C03D-12C-24-0604	78.6	14.3
C03D-13C-06-0604	57.69	288
C03D-13C-12-0604	<LOD	1.7
C03D-14C-06-0604	107.6	8.9
C03D-14C-12-0604	<LOD	25.5
C03D-14C-24-0604	<LOD	3.8

TABLE 2-6

COMPARISON OF FIXED-BASE LABORATORY AND XRF LEAD RESULTS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2

Sample ID	XRF Lead (ppm)	Laboratory Lead (ppm)
C03D-15C-12-0604-AVG	<LOD	1.0725
C03D-15C-24-0604	<LOD	9.9
C03D-16C-06-0604	<LOD	9.3
C03D-16C-12-0604	<LOD	13.5
C03D-16C-24-0604	36.13	35.7

The notation "-AVG" indicates that duplicate samples were collected and the results were averaged.

LOD – Limit of detection

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 23

Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-01C-06-0604-AVG	Aluminum	623.5		
C03D-01C-12-0604-AVG	Aluminum	541		
C03D-01C-24-0604-AVG	Aluminum	575.5		
C03D-02C-06-0604	Aluminum	555		
C03D-02C-12-0604	Aluminum	595		
C03D-02C-24-0604	Aluminum	537		
C03D-03C-06-0604	Aluminum	561		
C03D-03C-12-0604	Aluminum	667		
C03D-03C-24-0604	Aluminum	698		
C03D-04C-06-0604	Aluminum	595		
C03D-04C-12-0604	Aluminum	665		
C03D-04C-24-0604	Aluminum	678		
C03D-05C-06-0604	Aluminum	248		
C03D-05C-12-0604	Aluminum	85		
C03D-05C-24-0604	Aluminum	76.2		
C03D-06C-06-0604	Aluminum	540		
C03D-06C-12-0604	Aluminum	512		
C03D-06C-24-0604	Aluminum	387		
C03D-07C-06-0604	Aluminum	711		72000
C03D-07C-12-0604	Aluminum	726		
C03D-07C-24-0604-AVG	Aluminum	279		
C03D-08C-06-0604	Aluminum	651		
C03D-08C-12-0604	Aluminum	503		
C03D-08C-24-0604	Aluminum	481		
C03D-09C-06-0604	Aluminum	524		
C03D-09C-12-0604	Aluminum	501		
C03D-09C-24-0604	Aluminum	497		
C03D-10C-06-0604	Aluminum	272		
C03D-10C-12-0604	Aluminum	119		
C03D-10C-24-0604	Aluminum	142		
C03D-11C-06-0604	Aluminum	646		
C03D-11C-12-0604	Aluminum	673		
C03D-11C-24-0604	Aluminum	636		
C03D-12C-06-0604	Aluminum	652		
C03D-12C-12-0604	Aluminum	653		
C03D-12C-24-0604	Aluminum	326		
C03D-13C-06-0604	Aluminum	192		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 23

Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-13C-12-0604	Aluminum	61.7		72000
C03D-13C-24-0604	Aluminum	50.5		
C03D-14C-06-0604	Aluminum	600		
C03D-14C-12-0604	Aluminum	627		
C03D-14C-24-0604	Aluminum	623		
C03D-15C-06-0604	Aluminum	637		
C03D-15C-12-0604-AVG	Aluminum	626.5		
C03D-15C-24-0604	Aluminum	119		
C03D-16C-06-0604	Aluminum	550		
C03D-16C-12-0604	Aluminum	581		
C03D-16C-24-0604	Aluminum	545		
C03D-05C-06-0604	Antimony	5.7		5
C03D-06C-06-0604	Antimony	65.6		
C03D-06C-12-0604	Antimony	3.5		
C03D-07C-24-0604-AVG	Antimony	1.7		
C03D-11C-06-0604	Antimony	2.3		
C03D-13C-06-0604	Antimony	4.7		
C03D-01C-06-0604-AVG	Arsenic	1.25		2.66
C03D-01C-12-0604-AVG	Arsenic	1.5		
C03D-01C-24-0604-AVG	Arsenic	1.15		
C03D-02C-06-0604	Arsenic	1.1		
C03D-02C-12-0604	Arsenic	1.4		
C03D-02C-24-0604	Arsenic	1.4		
C03D-03C-06-0604	Arsenic	0.94		
C03D-03C-12-0604	Arsenic	1.5		
C03D-03C-24-0604	Arsenic	1.2		
C03D-04C-06-0604	Arsenic	1.0		
C03D-04C-12-0604	Arsenic	1.7		
C03D-04C-24-0604	Arsenic	1.2		
C03D-05C-06-0604	Arsenic	2.8		
C03D-05C-12-0604	Arsenic	1.8		
C03D-05C-24-0604	Arsenic	1.7		
C03D-06C-06-0604	Arsenic	2.4		
C03D-06C-12-0604	Arsenic	0.97		
C03D-06C-24-0604	Arsenic	2.6		
C03D-07C-06-0604	Arsenic	1.0		
C03D-07C-12-0604	Arsenic	1.3		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 3 OF 23

Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-07C-24-0604-AVG	Arsenic	1.6		2.66
C03D-08C-06-0604	Arsenic	1.4		
C03D-08C-12-0604	Arsenic	1.1		
C03D-08C-24-0604	Arsenic	2.0		
C03D-09C-06-0604	Arsenic	0.86		
C03D-09C-12-0604	Arsenic	0.77		
C03D-09C-24-0604	Arsenic	1.2		
C03D-10C-06-0604	Arsenic	1.9		
C03D-10C-12-0604	Arsenic	1.9		
C03D-10C-24-0604	Arsenic	2.7		
C03D-11C-06-0604	Arsenic	2.0		
C03D-11C-12-0604	Arsenic	1.0		
C03D-11C-24-0604	Arsenic	1.0		
C03D-12C-06-0604	Arsenic	1.4		
C03D-12C-12-0604	Arsenic	1.4		
C03D-12C-24-0604	Arsenic	2.3		
C03D-13C-06-0604	Arsenic	1.9		
C03D-13C-12-0604	Arsenic	2.1		
C03D-13C-24-0604	Arsenic	1.7		
C03D-14C-06-0604	Arsenic	1.9		
C03D-14C-12-0604	Arsenic	1.6		
C03D-14C-24-0604	Arsenic	1.8		
C03D-15C-06-0604	Arsenic	1.9		
C03D-15C-12-0604-AVG	Arsenic	1.7		
C03D-15C-24-0604	Arsenic	2.1		
C03D-16C-06-0604	Arsenic	1.1		
C03D-16C-12-0604	Arsenic	1.5		
C03D-16C-24-0604	Arsenic	1.7		
C03D-01C-06-0604-AVG	Barium	6.7		110
C03D-01C-12-0604-AVG	Barium	6.25		
C03D-01C-24-0604-AVG	Barium	7.0		
C03D-02C-06-0604	Barium	7.2		
C03D-02C-12-0604	Barium	6.2		
C03D-02C-24-0604	Barium	5.9		
C03D-03C-06-0604	Barium	6.2		
C03D-03C-12-0604	Barium	6.2		
C03D-03C-24-0604	Barium	6		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 4 OF 23

Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-04C-06-0604	Barium	6.7		110
C03D-04C-12-0604	Barium	6.3		
C03D-04C-24-0604	Barium	6.0		
C03D-05C-06-0604	Barium	34.6		
C03D-05C-12-0604	Barium	5.8		
C03D-05C-24-0604	Barium	8.7		
C03D-06C-06-0604	Barium	29.7		
C03D-06C-12-0604	Barium	22.4		
C03D-06C-24-0604	Barium	24.8		
C03D-07C-06-0604	Barium	8.4		
C03D-07C-12-0604	Barium	7.7		
C03D-07C-24-0604-AVG	Barium	22.5		
C03D-08C-06-0604	Barium	6.7		
C03D-08C-12-0604	Barium	5.9		
C03D-08C-24-0604	Barium	28.2		
C03D-09C-06-0604	Barium	6.1		
C03D-09C-12-0604	Barium	5.6		
C03D-09C-24-0604	Barium	6.0		
C03D-10C-06-0604	Barium	9.7		
C03D-10C-12-0604	Barium	6.9		
C03D-10C-24-0604	Barium	6.8		
C03D-11C-06-0604	Barium	38.5		
C03D-11C-12-0604	Barium	6.2		
C03D-11C-24-0604	Barium	5.9		
C03D-12C-06-0604	Barium	5.9		
C03D-12C-12-0604	Barium	6.9		
C03D-12C-24-0604	Barium	28.9		
C03D-13C-06-0604	Barium	19.4		
C03D-13C-12-0604	Barium	7.5		
C03D-13C-24-0604	Barium	8.8		
C03D-14C-06-0604	Barium	6.3		
C03D-14C-12-0604	Barium	6.4		
C03D-14C-24-0604	Barium	6.1		
C03D-15C-06-0604	Barium	6.3		
C03D-15C-12-0604-AVG	Barium	6.4		
C03D-15C-24-0604	Barium	9.3		
C03D-16C-06-0604	Barium	6.3		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 5 OF 23

Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-16C-12-0604	Barium	6.2		110
C03D-16C-24-0604	Barium	6.5		
C03D-01C-06-0604-AVG	Beryllium	0.06		120
C03D-01C-12-0604-AVG	Beryllium	0.04		
C03D-01C-24-0604-AVG	Beryllium	0.05		
C03D-02C-06-0604	Beryllium	0.05		
C03D-02C-12-0604	Beryllium	0.06		
C03D-02C-24-0604	Beryllium	0.07		
C03D-03C-06-0604	Beryllium	0.06		
C03D-03C-12-0604	Beryllium	0.07		
C03D-03C-24-0604	Beryllium	0.1		
C03D-04C-06-0604	Beryllium	0.07		
C03D-04C-12-0604	Beryllium	0.07		
C03D-04C-24-0604	Beryllium	0.08		
C03D-08C-06-0604	Beryllium	0.1		
C03D-09C-06-0604	Beryllium	0.04		
C03D-12C-06-0604	Beryllium	0.09		
C03D-12C-12-0604	Beryllium	0.09		
C03D-14C-06-0604	Beryllium	0.08		
C03D-14C-12-0604	Beryllium	0.09		
C03D-14C-24-0604	Beryllium	0.08		
C03D-15C-06-0604	Beryllium	0.07		
C03D-15C-12-0604-AVG	Beryllium	0.07		
C03D-16C-06-0604	Beryllium	0.07		
C03D-16C-12-0604	Beryllium	0.06		
C03D-16C-24-0604	Beryllium	0.04		
C03D-01C-12-0604-AVG	Cadmium	0.16		75
C03D-01C-24-0604-AVG	Cadmium	0.08		
C03D-05C-06-0604	Cadmium	0.83		
C03D-06C-06-0604	Cadmium	0.39		
C03D-06C-12-0604	Cadmium	0.68		
C03D-06C-24-0604	Cadmium	0.08		
C03D-07C-24-0604-AVG	Cadmium	0.55		
C03D-11C-06-0604	Cadmium	0.92		
C03D-13C-06-0604	Cadmium	0.46		
C03D-01C-06-0604-AVG	Calcium	231500		NA
C03D-01C-12-0604-AVG	Calcium	245500		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-01C-24-0604-AVG	Calcium	229000		NA
C03D-02C-06-0604	Calcium	255000		
C03D-02C-12-0604	Calcium	239000		
C03D-02C-24-0604	Calcium	222000		
C03D-03C-06-0604	Calcium	228000		
C03D-03C-12-0604	Calcium	233000		
C03D-03C-24-0604	Calcium	218000		
C03D-04C-06-0604	Calcium	236000		
C03D-04C-12-0604	Calcium	242000		
C03D-04C-24-0604	Calcium	227000		
C03D-05C-06-0604	Calcium	385000		
C03D-05C-12-0604	Calcium	391000		
C03D-05C-24-0604	Calcium	383000		
C03D-06C-06-0604	Calcium	245000		
C03D-06C-12-0604	Calcium	264000		
C03D-06C-24-0604	Calcium	384000		
C03D-07C-06-0604	Calcium	255000		
C03D-07C-12-0604	Calcium	262000		
C03D-07C-24-0604-AVG	Calcium	368000		
C03D-08C-06-0604	Calcium	238000		
C03D-08C-12-0604	Calcium	236000		
C03D-08C-24-0604	Calcium	259000		
C03D-09C-06-0604	Calcium	234000		
C03D-09C-12-0604	Calcium	230000		
C03D-09C-24-0604	Calcium	240000		
C03D-10C-06-0604	Calcium	393000		
C03D-10C-12-0604	Calcium	427000		
C03D-10C-24-0604	Calcium	411000		
C03D-11C-06-0604	Calcium	292000		
C03D-11C-12-0604	Calcium	241000		
C03D-11C-24-0604	Calcium	233000		
C03D-12C-06-0604	Calcium	230000		
C03D-12C-12-0604	Calcium	241000		
C03D-12C-24-0604	Calcium	385000		
C03D-13C-06-0604	Calcium	389000		
C03D-13C-12-0604	Calcium	397000		
C03D-13C-24-0604	Calcium	380000		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-14C-06-0604	Calcium	243000		NA
C03D-14C-12-0604	Calcium	236000		
C03D-14C-24-0604	Calcium	234000		
C03D-15C-06-0604	Calcium	249000		
C03D-15C-12-0604-AVG	Calcium	266500		
C03D-15C-24-0604	Calcium	394000		
C03D-16C-06-0604	Calcium	231000		
C03D-16C-12-0604	Calcium	244000		
C03D-16C-24-0604	Calcium	265000		
C03D-01C-06-0604-AVG	Chromium	5.6		NA
C03D-01C-12-0604-AVG	Chromium	5.0		
C03D-01C-24-0604-AVG	Chromium	5.1		
C03D-02C-06-0604	Chromium	5.1		
C03D-02C-12-0604	Chromium	5.0		
C03D-02C-24-0604	Chromium	4.8		
C03D-03C-06-0604	Chromium	4.6		
C03D-03C-12-0604	Chromium	5.3		
C03D-03C-24-0604	Chromium	5.8		
C03D-04C-06-0604	Chromium	4.6		
C03D-04C-12-0604	Chromium	4.7		
C03D-04C-24-0604	Chromium	4.8		
C03D-05C-06-0604	Chromium	4.9		
C03D-05C-12-0604	Chromium	1.5		
C03D-05C-24-0604	Chromium	1.6		
C03D-06C-06-0604	Chromium	23.2		
C03D-06C-12-0604	Chromium	11.7		
C03D-06C-24-0604	Chromium	3.7		
C03D-07C-06-0604	Chromium	5.6		
C03D-07C-12-0604	Chromium	5.5		
C03D-07C-24-0604-AVG	Chromium	5.1		
C03D-08C-06-0604	Chromium	5.1		
C03D-08C-12-0604	Chromium	4.1		
C03D-08C-24-0604	Chromium	4.5		
C03D-09C-06-0604	Chromium	4.5		
C03D-09C-12-0604	Chromium	4.4		
C03D-09C-24-0604	Chromium	4.5		
C03D-10C-06-0604	Chromium	2.4		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-10C-12-0604	Chromium	2.0		NA
C03D-10C-24-0604	Chromium	1.8		
C03D-11C-06-0604	Chromium	24.5		
C03D-11C-12-0604	Chromium	4.9		
C03D-11C-24-0604	Chromium	4.4		
C03D-12C-06-0604	Chromium	4.8		
C03D-12C-12-0604	Chromium	4.9		
C03D-12C-24-0604	Chromium	3.1		
C03D-13C-06-0604	Chromium	4.6		
C03D-13C-12-0604	Chromium	1.7		
C03D-13C-24-0604	Chromium	1.5		
C03D-14C-06-0604	Chromium	4.6		
C03D-14C-12-0604	Chromium	4.5		
C03D-14C-24-0604	Chromium	4.9		
C03D-15C-06-0604	Chromium	4.4		
C03D-15C-12-0604-AVG	Chromium	4.35		
C03D-15C-24-0604	Chromium	2.2		
C03D-16C-06-0604	Chromium	4.6		
C03D-16C-12-0604	Chromium	4.6		
C03D-16C-24-0604	Chromium	4.2		
C03D-01C-06-0604-AVG	Cobalt	0.15		4700
C03D-01C-12-0604-AVG	Cobalt	0.16		
C03D-01C-24-0604-AVG	Cobalt	0.14		
C03D-02C-06-0604	Cobalt	0.14		
C03D-02C-12-0604	Cobalt	0.12		
C03D-02C-24-0604	Cobalt	0.10		
C03D-03C-06-0604	Cobalt	0.07		
C03D-03C-12-0604	Cobalt	0.20		
C03D-03C-24-0604	Cobalt	0.20		
C03D-04C-06-0604	Cobalt	0.15		
C03D-04C-12-0604	Cobalt	0.22		
C03D-04C-24-0604	Cobalt	0.14		
C03D-05C-06-0604	Cobalt	0.21		
C03D-06C-06-0604	Cobalt	0.35		
C03D-06C-12-0604	Cobalt	0.61		
C03D-07C-06-0604	Cobalt	0.10		
C03D-07C-12-0604	Cobalt	0.09		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-07C-24-0604-AVG	Cobalt	0.18		4700
C03D-08C-06-0604	Cobalt	0.16		
C03D-08C-12-0604	Cobalt	0.09		
C03D-09C-06-0604	Cobalt	0.17		
C03D-09C-12-0604	Cobalt	0.13		
C03D-09C-24-0604	Cobalt	0.13		
C03D-11C-06-0604	Cobalt	0.29		
C03D-12C-06-0604	Cobalt	0.13		
C03D-12C-12-0604	Cobalt	0.13		
C03D-12C-24-0604	Cobalt	0.11		
C03D-13C-06-0604	Cobalt	0.10		
C03D-14C-06-0604	Cobalt	0.16		
C03D-14C-12-0604	Cobalt	0.15		
C03D-14C-24-0604	Cobalt	0.16		
C03D-15C-06-0604	Cobalt	0.14		
C03D-15C-12-0604-AVG	Cobalt	0.14		
C03D-16C-06-0604	Cobalt	0.15		
C03D-16C-12-0604	Cobalt	0.16		
C03D-16C-24-0604	Cobalt	0.17		
C03D-01C-06-0604-AVG	Copper	1.15		110
C03D-01C-12-0604-AVG	Copper	0.69		
C03D-01C-24-0604-AVG	Copper	3.2		
C03D-02C-06-0604	Copper	3.0		
C03D-02C-12-0604	Copper	0.55		
C03D-02C-24-0604	Copper	0.98		
C03D-03C-06-0604	Copper	2.1		
C03D-03C-12-0604	Copper	0.64		
C03D-03C-24-0604	Copper	0.58		
C03D-04C-06-0604	Copper	1.7		
C03D-04C-12-0604	Copper	0.55		
C03D-04C-24-0604	Copper	0.48		
C03D-05C-06-0604	Copper	69.6		
C03D-05C-12-0604	Copper	0.98		
C03D-05C-24-0604	Copper	0.84		
C03D-06C-06-0604	Copper	25.4		
C03D-06C-12-0604	Copper	30.8		
C03D-06C-24-0604	Copper	20.6		
C03D-07C-06-0604	Copper	7.9		
C03D-07C-12-0604	Copper	5.2		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-07C-24-0604-AVG	Copper	55		110
C03D-08C-06-0604	Copper	1.4		
C03D-08C-12-0604	Copper	0.49		
C03D-08C-24-0604	Copper	10.8		
C03D-09C-06-0604	Copper	0.79		
C03D-09C-12-0604	Copper	0.44		
C03D-09C-24-0604	Copper	0.46		
C03D-10C-06-0604	Copper	11.9		
C03D-10C-12-0604	Copper	1.5		
C03D-10C-24-0604	Copper	2.4		
C03D-11C-06-0604	Copper	99.1		
C03D-11C-12-0604	Copper	0.71		
C03D-11C-24-0604	Copper	0.44		
C03D-12C-06-0604	Copper	0.48		
C03D-12C-12-0604	Copper	1.1		
C03D-12C-24-0604	Copper	4.3		
C03D-13C-06-0604	Copper	23.6		
C03D-13C-12-0604	Copper	1.2		
C03D-13C-24-0604	Copper	0.49		
C03D-14C-06-0604	Copper	0.95		
C03D-14C-12-0604	Copper	0.71		
C03D-14C-24-0604	Copper	0.57		
C03D-15C-06-0604	Copper	0.75		
C03D-15C-12-0604-AVG	Copper	0.54		
C03D-15C-24-0604	Copper	3.0		
C03D-16C-06-0604	Copper	1.3		
C03D-16C-12-0604	Copper	1.2		
C03D-16C-24-0604	Copper	2.2		
C03D-01C-06-0604-AVG	Iron	506.5		23000
C03D-01C-12-0604-AVG	Iron	467		
C03D-01C-24-0604-AVG	Iron	626		
C03D-02C-06-0604	Iron	530		
C03D-02C-12-0604	Iron	496		
C03D-02C-24-0604	Iron	439		
C03D-03C-06-0604	Iron	485		
C03D-03C-12-0604	Iron	516		
C03D-03C-24-0604	Iron	510		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-04C-06-0604	Iron	572		
C03D-04C-12-0604	Iron	536		
C03D-04C-24-0604	Iron	512		
C03D-05C-06-0604	Iron	2220		
C03D-05C-12-0604	Iron	77.6		
C03D-05C-24-0604	Iron	41.7		
C03D-06C-06-0604	Iron	4760		
C03D-06C-12-0604	Iron	6770		
C03D-06C-24-0604	Iron	1180		
C03D-07C-06-0604	Iron	757		
C03D-07C-12-0604	Iron	593		
C03D-07C-24-0604-AVG	Iron	1210		
C03D-08C-06-0604	Iron	578		
C03D-08C-12-0604	Iron	440		
C03D-08C-24-0604	Iron	544		
C03D-09C-06-0604	Iron	465		
C03D-09C-12-0604	Iron	442		
C03D-09C-24-0604	Iron	423		
C03D-10C-06-0604	Iron	350		23000
C03D-10C-12-0604	Iron	216		
C03D-10C-24-0604	Iron	181		
C03D-11C-06-0604	Iron	2300		
C03D-11C-12-0604	Iron	510		
C03D-11C-24-0604	Iron	479		
C03D-12C-06-0604	Iron	505		
C03D-12C-12-0604	Iron	518		
C03D-12C-24-0604	Iron	267		
C03D-13C-06-0604	Iron	497		
C03D-13C-12-0604	Iron	46.0		
C03D-13C-24-0604	Iron	25.5		
C03D-14C-06-0604	Iron	628		
C03D-14C-12-0604	Iron	524		
C03D-14C-24-0604	Iron	511		
C03D-15C-06-0604	Iron	527		
C03D-15C-12-0604-AVG	Iron	524		
C03D-15C-24-0604	Iron	177		
C03D-16C-06-0604	Iron	493		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-16C-12-0604	Iron	551		23000
C03D-16C-24-0604	Iron	498		
C03D-01C-06-0604-AVG	Magnesium	1545		NA
C03D-01C-12-0604-AVG	Magnesium	1550		
C03D-01C-24-0604-AVG	Magnesium	1505		
C03D-02C-06-0604	Magnesium	1400		
C03D-02C-12-0604	Magnesium	1520		
C03D-02C-24-0604	Magnesium	1400		
C03D-03C-06-0604	Magnesium	1560		
C03D-03C-12-0604	Magnesium	1570		
C03D-03C-24-0604	Magnesium	1520		
C03D-04C-06-0604	Magnesium	1620		
C03D-04C-12-0604	Magnesium	1760		
C03D-04C-24-0604	Magnesium	1610		
C03D-05C-06-0604	Magnesium	1260		
C03D-05C-12-0604	Magnesium	985		
C03D-05C-24-0604	Magnesium	716		
C03D-06C-06-0604	Magnesium	1440		
C03D-06C-12-0604	Magnesium	1460		
C03D-06C-24-0604	Magnesium	5500		
C03D-07C-06-0604	Magnesium	1670		
C03D-07C-12-0604	Magnesium	1630		
C03D-07C-24-0604-AVG	Magnesium	1360		
C03D-08C-06-0604	Magnesium	1650		
C03D-08C-12-0604	Magnesium	1520		
C03D-08C-24-0604	Magnesium	2590		
C03D-09C-06-0604	Magnesium	1530		
C03D-09C-12-0604	Magnesium	1440		
C03D-09C-24-0604	Magnesium	1460		
C03D-10C-06-0604	Magnesium	909		
C03D-10C-12-0604	Magnesium	1350		
C03D-10C-24-0604	Magnesium	1160		
C03D-11C-06-0604	Magnesium	2710		
C03D-11C-12-0604	Magnesium	1520		
C03D-11C-24-0604	Magnesium	1470		
C03D-12C-06-0604	Magnesium	1590		
C03D-12C-12-0604	Magnesium	1860		

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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-12C-24-0604	Magnesium	1170		NA
C03D-13C-06-0604	Magnesium	1000		
C03D-13C-12-0604	Magnesium	884		
C03D-13C-24-0604	Magnesium	547		
C03D-14C-06-0604	Magnesium	1710		
C03D-14C-12-0604	Magnesium	1640		
C03D-14C-24-0604	Magnesium	1630		
C03D-15C-06-0604	Magnesium	1850		
C03D-15C-12-0604-AVG	Magnesium	1935		
C03D-15C-24-0604	Magnesium	1660		
C03D-16C-06-0604	Magnesium	1600		
C03D-16C-12-0604	Magnesium	1710		
C03D-16C-24-0604	Magnesium	1900		
C03D-01C-06-0604-AVG	Manganese	22.05		1600
C03D-01C-12-0604-AVG	Manganese	21.1		
C03D-01C-24-0604-AVG	Manganese	21.85		
C03D-02C-06-0604	Manganese	19.5		
C03D-02C-12-0604	Manganese	21.5		
C03D-02C-24-0604	Manganese	19.8		
C03D-03C-06-0604	Manganese	21.6		
C03D-03C-12-0604	Manganese	21.0		
C03D-03C-24-0604	Manganese	20.9		
C03D-04C-06-0604	Manganese	22.1		
C03D-04C-12-0604	Manganese	23.2		
C03D-04C-24-0604	Manganese	21.8		
C03D-05C-06-0604	Manganese	28.2		
C03D-05C-12-0604	Manganese	3.2		
C03D-05C-24-0604	Manganese	1.6		
C03D-06C-06-0604	Manganese	36.9		
C03D-06C-12-0604	Manganese	78.1		
C03D-06C-24-0604	Manganese	16.8		
C03D-07C-06-0604	Manganese	23.3		
C03D-07C-12-0604	Manganese	23.0		
C03D-07C-24-0604-AVG	Manganese	16.9		
C03D-08C-06-0604	Manganese	22.5		
C03D-08C-12-0604	Manganese	21.1		
C03D-08C-24-0604	Manganese	19.2		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-09C-06-0604	Manganese	21.3		1600
C03D-09C-12-0604	Manganese	20.1		
C03D-09C-24-0604	Manganese	19.6		
C03D-10C-06-0604	Manganese	5.5		
C03D-10C-12-0604	Manganese	7.4		
C03D-10C-24-0604	Manganese	5.1		
C03D-11C-06-0604	Manganese	29.0		
C03D-11C-12-0604	Manganese	21.3		
C03D-11C-24-0604	Manganese	20.3		
C03D-12C-06-0604	Manganese	21.6		
C03D-12C-12-0604	Manganese	21.7		
C03D-12C-24-0604	Manganese	15.5		
C03D-13C-06-0604	Manganese	10.3		
C03D-13C-12-0604	Manganese	1.5		
C03D-13C-24-0604	Manganese	0.84		
C03D-14C-06-0604	Manganese	23.4		
C03D-14C-12-0604	Manganese	22.7		
C03D-14C-24-0604	Manganese	22.2		
C03D-15C-06-0604	Manganese	24.2		
C03D-15C-12-0604-AVG	Manganese	25.2		
C03D-15C-24-0604	Manganese	3.1		
C03D-16C-06-0604	Manganese	22.1		
C03D-16C-12-0604	Manganese	23.5		
C03D-16C-24-0604	Manganese	25.1		
C03D-01C-06-0604-AVG	Mercury	0.01195		3.4
C03D-01C-12-0604-AVG	Mercury	0.01085		
C03D-01C-24-0604-AVG	Mercury	0.0115		
C03D-02C-06-0604	Mercury	0.039		
C03D-02C-12-0604	Mercury	0.0084		
C03D-02C-24-0604	Mercury	0.015		
C03D-03C-06-0604	Mercury	0.0097		
C03D-03C-12-0604	Mercury	0.0062		
C03D-04C-06-0604	Mercury	0.0041		
C03D-04C-24-0604	Mercury	0.0031		
C03D-05C-06-0604	Mercury	0.1		
C03D-05C-12-0604	Mercury	0.011		
C03D-05C-24-0604	Mercury	0.0093		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-06C-06-0604	Mercury	0.034		3.4
C03D-06C-12-0604	Mercury	0.043		
C03D-06C-24-0604	Mercury	0.29		
C03D-07C-06-0604	Mercury	0.19		
C03D-07C-12-0604	Mercury	0.062		
C03D-07C-24-0604-AVG	Mercury	0.12		
C03D-08C-06-0604	Mercury	0.0061		
C03D-08C-12-0604	Mercury	0.0059		
C03D-08C-24-0604	Mercury	0.046		
C03D-09C-06-0604	Mercury	0.007		
C03D-09C-12-0604	Mercury	0.0084		
C03D-09C-24-0604	Mercury	0.0059		
C03D-10C-06-0604	Mercury	0.023		
C03D-10C-12-0604	Mercury	0.025		
C03D-10C-24-0604	Mercury	0.014		
C03D-11C-06-0604	Mercury	0.12		
C03D-12C-12-0604	Mercury	0.0048		
C03D-12C-24-0604	Mercury	0.04		
C03D-13C-06-0604	Mercury	0.033		
C03D-13C-12-0604	Mercury	0.0095		
C03D-14C-06-0604	Mercury	0.0038		
C03D-14C-12-0604	Mercury	0.012		
C03D-14C-24-0604	Mercury	0.0037		
C03D-15C-06-0604	Mercury	0.0038		
C03D-15C-12-0604-AVG	Mercury	0.0024		
C03D-15C-24-0604	Mercury	0.054		
C03D-16C-06-0604	Mercury	0.0048		
C03D-16C-12-0604	Mercury	0.0026		
C03D-16C-24-0604	Mercury	0.0019		
C03D-01C-06-0604-AVG	Nickel	1.445		110
C03D-01C-12-0604-AVG	Nickel	0.865		
C03D-01C-24-0604-AVG	Nickel	1.02		
C03D-02C-06-0604	Nickel	0.86		
C03D-02C-12-0604	Nickel	0.9		
C03D-02C-24-0604	Nickel	0.9		
C03D-03C-06-0604	Nickel	0.91		
C03D-03C-12-0604	Nickel	0.92		
C03D-03C-24-0604	Nickel	0.96		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-04C-06-0604	Nickel	0.92		110
C03D-04C-12-0604	Nickel	1		
C03D-04C-24-0604	Nickel	0.87		
C03D-05C-06-0604	Nickel	2.4		
C03D-05C-12-0604	Nickel	0.41		
C03D-05C-24-0604	Nickel	0.37		
C03D-06C-06-0604	Nickel	2.6		
C03D-06C-12-0604	Nickel	4.5		
C03D-06C-24-0604	Nickel	1.2		
C03D-07C-06-0604	Nickel	1.1		
C03D-07C-12-0604	Nickel	1.1		
C03D-07C-24-0604-AVG	Nickel	2.3		
C03D-08C-06-0604	Nickel	1		
C03D-08C-12-0604	Nickel	0.76		
C03D-08C-24-0604	Nickel	1.1		
C03D-09C-06-0604	Nickel	0.87		
C03D-09C-12-0604	Nickel	0.8		
C03D-09C-24-0604	Nickel	0.78		
C03D-10C-06-0604	Nickel	0.71		
C03D-10C-12-0604	Nickel	0.58		
C03D-10C-24-0604	Nickel	0.58		
C03D-11C-06-0604	Nickel	4.7		
C03D-11C-12-0604	Nickel	0.92		
C03D-11C-24-0604	Nickel	0.87		
C03D-12C-06-0604	Nickel	0.84		
C03D-12C-12-0604	Nickel	0.92		
C03D-12C-24-0604	Nickel	0.55		
C03D-13C-06-0604	Nickel	1.3		
C03D-13C-12-0604	Nickel	0.58		
C03D-13C-24-0604	Nickel	0.4		
C03D-14C-06-0604	Nickel	1		
C03D-14C-12-0604	Nickel	0.95		
C03D-14C-24-0604	Nickel	0.87		
C03D-15C-06-0604	Nickel	0.89		
C03D-15C-12-0604-AVG	Nickel	0.89		
C03D-15C-24-0604	Nickel	0.52		
C03D-16C-06-0604	Nickel	0.85		
C03D-16C-12-0604	Nickel	0.88		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-16C-24-0604	Nickel	0.87		110
C03D-01C-06-0604-AVG	Potassium	116		NA
C03D-01C-12-0604-AVG	Potassium	103		
C03D-01C-24-0604-AVG	Potassium	110.5		
C03D-02C-06-0604	Potassium	105		
C03D-02C-12-0604	Potassium	118		
C03D-02C-24-0604	Potassium	106		
C03D-03C-06-0604	Potassium	114		
C03D-03C-12-0604	Potassium	110		
C03D-03C-24-0604	Potassium	119		
C03D-04C-06-0604	Potassium	107		
C03D-04C-12-0604	Potassium	114		
C03D-04C-24-0604	Potassium	113		
C03D-05C-06-0604	Potassium	47.9		
C03D-05C-12-0604	Potassium	24.5		
C03D-05C-24-0604	Potassium	33.1		
C03D-06C-06-0604	Potassium	91		
C03D-06C-12-0604	Potassium	98		
C03D-06C-24-0604	Potassium	92.2		
C03D-07C-06-0604	Potassium	135		
C03D-07C-12-0604	Potassium	136		
C03D-07C-24-0604-AVG	Potassium	56		
C03D-08C-06-0604	Potassium	121		
C03D-08C-12-0604	Potassium	95.2		
C03D-08C-24-0604	Potassium	82.3		
C03D-09C-06-0604	Potassium	106		
C03D-09C-12-0604	Potassium	95.5		
C03D-09C-24-0604	Potassium	94.6		
C03D-10C-06-0604	Potassium	51.8		
C03D-10C-12-0604	Potassium	29.2		
C03D-10C-24-0604	Potassium	31.7		
C03D-11C-06-0604	Potassium	98		
C03D-11C-12-0604	Potassium	115		
C03D-11C-24-0604	Potassium	105		
C03D-12C-06-0604	Potassium	111		
C03D-12C-12-0604	Potassium	114		
C03D-12C-24-0604	Potassium	53.5		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-13C-06-0604	Potassium	50.9		NA
C03D-13C-12-0604	Potassium	32.9		
C03D-13C-24-0604	Potassium	38.6		
C03D-14C-06-0604	Potassium	102		
C03D-14C-12-0604	Potassium	108		
C03D-14C-24-0604	Potassium	102		
C03D-15C-06-0604	Potassium	109		
C03D-15C-12-0604-AVG	Potassium	107.5		
C03D-15C-24-0604	Potassium	39.7		
C03D-16C-06-0604	Potassium	103		
C03D-16C-12-0604	Potassium	112		
C03D-16C-24-0604	Potassium	102		
C03D-06C-06-0604	Silver	0.59		390
C03D-06C-12-0604	Silver	0.22		
C03D-11C-06-0604	Silver	0.097		
C03D-01C-06-0604-AVG	Sodium	260		NA
C03D-01C-12-0604-AVG	Sodium	275.5		
C03D-01C-24-0604-AVG	Sodium	266.5		
C03D-02C-06-0604	Sodium	315		
C03D-02C-12-0604	Sodium	255		
C03D-02C-24-0604	Sodium	280		
C03D-03C-06-0604	Sodium	231		
C03D-03C-12-0604	Sodium	243		
C03D-03C-24-0604	Sodium	255		
C03D-04C-06-0604	Sodium	217		
C03D-04C-12-0604	Sodium	222		
C03D-04C-24-0604	Sodium	211		
C03D-05C-06-0604	Sodium	1280		
C03D-05C-12-0604	Sodium	985		
C03D-05C-24-0604	Sodium	1350		
C03D-06C-06-0604	Sodium	408		
C03D-06C-12-0604	Sodium	363		
C03D-06C-24-0604	Sodium	2010		
C03D-07C-06-0604	Sodium	314		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-07C-12-0604	Sodium	312		NA
C03D-07C-24-0604-AVG	Sodium	1130		
C03D-08C-06-0604	Sodium	232		
C03D-08C-12-0604	Sodium	203		
C03D-08C-24-0604	Sodium	670		
C03D-09C-06-0604	Sodium	246		
C03D-09C-12-0604	Sodium	217		
C03D-09C-24-0604	Sodium	282		
C03D-10C-06-0604	Sodium	1180		
C03D-10C-12-0604	Sodium	1030		
C03D-10C-24-0604	Sodium	824		
C03D-11C-06-0604	Sodium	938		
C03D-11C-12-0604	Sodium	235		
C03D-11C-24-0604	Sodium	208		
C03D-12C-06-0604	Sodium	216		
C03D-12C-12-0604	Sodium	352		
C03D-12C-24-0604	Sodium	1520		
C03D-13C-06-0604	Sodium	1450		
C03D-13C-12-0604	Sodium	1370		
C03D-13C-24-0604	Sodium	1700		
C03D-14C-06-0604	Sodium	218		
C03D-14C-12-0604	Sodium	226		
C03D-14C-24-0604	Sodium	213		
C03D-15C-06-0604	Sodium	198		
C03D-15C-12-0604-AVG	Sodium	194		
C03D-15C-24-0604	Sodium	1580		
C03D-16C-06-0604	Sodium	212		
C03D-16C-12-0604	Sodium	195		
C03D-16C-24-0604	Sodium	189		
C03D-05C-06-0604	Tin	5.9		44000
C03D-05C-12-0604	Tin	4.4		
C03D-05C-24-0604	Tin	4.3		
C03D-06C-06-0604	Tin	5.8		
C03D-06C-12-0604	Tin	5.3		
C03D-06C-24-0604	Tin	7.4		
C03D-07C-06-0604	Tin	3		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-07C-12-0604	Tin	3		44000
C03D-07C-24-0604-AVG	Tin	5.3		
C03D-08C-12-0604	Tin	3.4		
C03D-08C-24-0604	Tin	3.9		
C03D-10C-06-0604	Tin	4.3		
C03D-10C-12-0604	Tin	4.4		
C03D-10C-24-0604	Tin	4.7		
C03D-11C-06-0604	Tin	6.3		
C03D-11C-12-0604	Tin	2.8		
C03D-12C-24-0604	Tin	4.6		
C03D-13C-06-0604	Tin	5.1		
C03D-13C-12-0604	Tin	4.9		
C03D-13C-24-0604	Tin	4.3		
C03D-14C-06-0604	Tin	3.2		
C03D-15C-06-0604	Tin	3.1		
C03D-15C-12-0604-AVG	Tin	3.25		
C03D-15C-24-0604	Tin	5.1		
C03D-16C-24-0604	Tin	3.4		
C03D-01C-06-0604-AVG	Vanadium	4.95		15
C03D-01C-12-0604-AVG	Vanadium	4.55		
C03D-01C-24-0604-AVG	Vanadium	4.9		
C03D-02C-06-0604	Vanadium	4.8		
C03D-02C-12-0604	Vanadium	5.3		
C03D-02C-24-0604	Vanadium	4.8		
C03D-03C-06-0604	Vanadium	4.9		
C03D-03C-12-0604	Vanadium	5.2		
C03D-03C-24-0604	Vanadium	5.4		
C03D-04C-06-0604	Vanadium	4.8		
C03D-04C-12-0604	Vanadium	5.2		
C03D-04C-24-0604	Vanadium	5.2		
C03D-05C-06-0604	Vanadium	2.7		
C03D-05C-12-0604	Vanadium	0.93		
C03D-05C-24-0604	Vanadium	1.3		
C03D-06C-06-0604	Vanadium	4.9		
C03D-06C-12-0604	Vanadium	5.5		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-06C-24-0604	Vanadium	3.7		15
C03D-07C-06-0604	Vanadium	5.1		
C03D-07C-12-0604	Vanadium	5.4		
C03D-07C-24-0604-AVG	Vanadium	2.4		
C03D-08C-06-0604	Vanadium	5.2		
C03D-08C-12-0604	Vanadium	4.5		
C03D-08C-24-0604	Vanadium	3.8		
C03D-09C-06-0604	Vanadium	4.8		
C03D-09C-12-0604	Vanadium	4.6		
C03D-09C-24-0604	Vanadium	4.5		
C03D-10C-06-0604	Vanadium	1.5		
C03D-10C-12-0604	Vanadium	1.7		
C03D-10C-24-0604	Vanadium	1.4		
C03D-11C-06-0604	Vanadium	4.7		
C03D-11C-12-0604	Vanadium	5.2		
C03D-11C-24-0604	Vanadium	4.8		
C03D-12C-06-0604	Vanadium	5.2		
C03D-12C-12-0604	Vanadium	5.3		
C03D-12C-24-0604	Vanadium	1		
C03D-13C-06-0604	Vanadium	1.8		
C03D-13C-12-0604	Vanadium	1.5		
C03D-13C-24-0604	Vanadium	1.2		
C03D-14C-06-0604	Vanadium	5		
C03D-14C-12-0604	Vanadium	5.1		
C03D-14C-24-0604	Vanadium	5.1		
C03D-15C-06-0604	Vanadium	5		
C03D-15C-12-0604-AVG	Vanadium	5		
C03D-15C-24-0604	Vanadium	1.1		
C03D-16C-06-0604	Vanadium	4.6		
C03D-16C-12-0604	Vanadium	4.8		
C03D-16C-24-0604	Vanadium	4.7		
C03D-01C-06-0604-AVG	Zinc	2.25		23000
C03D-01C-12-0604-AVG	Zinc	1.03		
C03D-01C-24-0604-AVG	Zinc	13.15	J	
C03D-02C-06-0604	Zinc	7.3		

TABLE 2-7

METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-02C-12-0604	Zinc	0.74		23000
C03D-02C-24-0604	Zinc	1.4		
C03D-03C-06-0604	Zinc	1.4		
C03D-03C-12-0604	Zinc	1.1		
C03D-03C-24-0604	Zinc	0.78		
C03D-04C-06-0604	Zinc	5		
C03D-04C-12-0604	Zinc	0.79		
C03D-04C-24-0604	Zinc	0.67		
C03D-05C-06-0604	Zinc	166		
C03D-05C-12-0604	Zinc	2.1		
C03D-05C-24-0604	Zinc	0.98		
C03D-06C-06-0604	Zinc	57.9		
C03D-06C-12-0604	Zinc	71.1		
C03D-06C-24-0604	Zinc	54		
C03D-07C-06-0604	Zinc	14.7		
C03D-07C-12-0604	Zinc	12.1		
C03D-07C-24-0604-AVG	Zinc	194		
C03D-08C-06-0604	Zinc	5.1		
C03D-08C-12-0604	Zinc	0.82		
C03D-08C-24-0604	Zinc	49.9		
C03D-09C-06-0604	Zinc	1.4		
C03D-09C-12-0604	Zinc	0.66		
C03D-09C-24-0604	Zinc	0.77		
C03D-10C-06-0604	Zinc	10.8		
C03D-10C-12-0604	Zinc	2.8		
C03D-10C-24-0604	Zinc	3.1		
C03D-11C-06-0604	Zinc	176		
C03D-11C-12-0604	Zinc	1.7		
C03D-11C-24-0604	Zinc	0.63		
C03D-12C-06-0604	Zinc	0.83		
C03D-12C-12-0604	Zinc	2.5		
C03D-12C-24-0604	Zinc	10.1		
C03D-13C-06-0604	Zinc	75.7		
C03D-13C-12-0604	Zinc	3		
C03D-13C-24-0604	Zinc	0.42		

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METALS OTHER THAN LEAD DETECTED BY FIXED-BASE LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
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Sample ID	Parameter	Results (ppm)	Qualifier	Action Level (ppm)
C03D-14C-06-0604	Zinc	2.7		23000
C03D-14C-12-0604	Zinc	1.6		
C03D-14C-24-0604	Zinc	0.99		
C03D-15C-06-0604	Zinc	1.7		
C03D-15C-12-0604-AVG	Zinc	0.69		
C03D-15C-24-0604	Zinc	7.2		
C03D-16C-06-0604	Zinc	4.5		
C03D-16C-12-0604	Zinc	3.1		
C03D-16C-24-0604	Zinc	5.9		

Shading indicates a concentration in excess of the selected screening value.

The notation "-AVG" indicates that duplicate samples were collected and the results were averaged.

J – The associated value is an estimated quantity.

TABLE 2-8

SVOCS DETECTED BY FIXED-BASED LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
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Sample ID	Parameter	Results (ppb)	Qualifier	Action Level (ppb)
C03D-01C-12-0604-AVG	Benzo(a)anthracene	27.35	J	1400
C03D-07C-06-0604	Benzo(a)anthracene	48.9	J	
C03D-10C-06-0604	Benzo(a)anthracene	108	J	
C03D-10C-12-0604	Benzo(a)anthracene	56.1	J	
C03D-11C-06-0604	Benzo(a)anthracene	79.8	J	
C03D-13C-24-0604	Benzo(a)anthracene	60.3	J	
C03D-07C-06-0604	Benzo(a)pyrene	65.7	J	100
C03D-10C-06-0604	Benzo(a)pyrene	97.0	J	
C03D-10C-12-0604	Benzo(a)pyrene	166	J	
C03D-11C-06-0604	Benzo(a)pyrene	87.0	J	
C03D-13C-24-0604	Benzo(a)pyrene	43.7	J	
C03D-07C-06-0604	Benzo(b)fluoranthene	81.9	J	1400
C03D-10C-06-0604	Benzo(b)fluoranthene	134	J	
C03D-10C-12-0604	Benzo(b)fluoranthene	322		
C03D-11C-06-0604	Benzo(b)fluoranthene	109	J	
C03D-13C-06-0604	Benzo(b)fluoranthene	37.3	J	
C03D-13C-24-0604	Benzo(b)fluoranthene	43.5	J	
C03D-10C-12-0604	Benzo(g,h,i)perylene	177		2300000
C03D-11C-06-0604	Benzo(g,h,i)perylene	76.3	J	
C03D-13C-06-0604	Benzo(g,h,i)perylene	88.5	J	
C03D-07C-06-0604	Benzo(k)fluoranthene	70.5	J	15000
C03D-10C-06-0604	Benzo(k)fluoranthene	87.8	J	
C03D-10C-12-0604	Benzo(k)fluoranthene	205		
C03D-11C-06-0604	Benzo(k)fluoranthene	89.8	J	
C03D-01C-12-0604-AVG	Chrysene	27.1	J	140000
C03D-07C-06-0604	Chrysene	80.9	J	
C03D-10C-06-0604	Chrysene	140	J	
C03D-10C-12-0604	Chrysene	116	J	
C03D-11C-06-0604	Chrysene	115	J	
C03D-13C-24-0604	Chrysene	66.3	J	
C03D-01C-12-0604-AVG	Fluoranthene	46.25	J	2900000
C03D-07C-06-0604	Fluoranthene	107	J	
C03D-10C-06-0604	Fluoranthene	215		
C03D-11C-06-0604	Fluoranthene	155	J	
C03D-13C-24-0604	Fluoranthene	99.7	J	
C03D-10C-06-0604	Indeno(1,2,3-cd)pyrene	71.5	J	1500
C03D-10C-12-0604	Indeno(1,2,3-cd)pyrene	164	J	
C03D-11C-06-0604	Indeno(1,2,3-cd)pyrene	71.7	J	

TABLE 2-8

SVOCS DETECTED BY FIXED-BASED LABORATORY
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2

Sample ID	Parameter	Result (ppb)	Qualifier	Action Level (ppb)
C03D-01C-12-0604-AVG	Phenanthrene	37.15	J	2000000
C03D-10C-06-0604	Phenanthrene	51.6	J	
C03D-13C-24-0604	Phenanthrene	96.9	J	
C03D-01C-12-0604-AVG	Pyrene	53.55	J	2200000
C03D-07C-06-0604	Pyrene	95.0	J	
C03D-10C-06-0604	Pyrene	179	J	
C03D-11C-06-0604	Pyrene	139	J	
C03D-13C-24-0604	Pyrene	107	J	

Shading indicates a concentration in excess of the selected screening value.

The notation "-AVG" indicates that duplicate samples were collected and the results were averaged.

J – The associated value is an estimated quantity.

3.0 REMOVAL ACTION WORK PLAN

3.1 INTRODUCTION

Results from the delineation sampling determined that chemical contaminants (e.g., lead and PCBs) within the soil at the Former Water Tower Site needed to be addressed via excavation of the contaminated soils with off-site disposal. The EE/CA supporting the selection of excavation and disposal as the remedial action alternative for the Former Water Tower Site is provided in chapter 4. The purpose of this chapter is to present procedures for performing field work for the expedited removal action at the Former Water Tower Site.

The Work Plan is based on available NAS Key West background information and findings from the Decision Document for Ten Base Realignment and Closure (BRAC) Sites (TtNUS, 2002b); data collected under the Work Plan for Delineation and Confirmation Sampling to Support the Expedited Removal Action at the Truman Annex Water Tower Site (TtNUS, 2004).

During the execution of the expedited removal action, modifications to the scope of work or sample collection procedures may be required to satisfy program objectives. In the event that factors or conditions are revealed that require a modification of the Work Plan, technical memoranda will be used to document the modification. The modification would be enacted upon gaining consensus between reviewers from the lead regulatory agency (FDEP), the lead agency (U.S. Navy), and the contractors responsible for preparing the Work Plan - TtNUS and the Environmental Multiple Award Contractor (EMAC).

3.2 SCOPE OF WORK

The Former Water Tower Site at NAS Key West is a 170 feet by 172 feet area located at Truman Annex (Figure 1-2). During the delineation sampling effort in June 2004, a grid was established at the site to identify areas with contamination concentrations that exceed FDEP soil cleanup target levels (Figure 2-1) as identified in 62-777 FAC. Five Grid cells where sample results indicate that the concentration of one or more contaminants exceed residential action levels will be excavated (Figure 2-3). Estimated limits of excavation are indicated on Figure 2-4. The excavated material from grid cell 5 will be disposed of as nonhazardous lead-contaminated waste. The excavated material from grid cells, 6, 7, 10, and 11 will be disposed of as non-TSCA (Toxic Substances Control Act) PCB-contaminated waste.

Confirmation sampling will be conducted to confirm that no further removal of contaminated soil is required following the expedited removal action at the Former Water Tower Site. Surveys will be

performed to document the extent of the excavation and the locations of the confirmation samples. The excavated area will be backfilled.

3.3 MOBILIZATION

Once notice to proceed has been given by the Navy, TtNUS and the EMAC will mobilize a work force, support equipment, material, and subcontractors necessary to complete the work.

3.3.1 Preconstruction Meeting

Before the field work begins, a preconstruction meeting will be held with the Resident Officer in Charge of Construction. This meeting will discuss execution of the work, site access, staging areas, transportation haul routes, and contact personnel for fire, environmental, safety and health, security, and waste management.

3.4 REMEDIAL ACTIVITIES

3.4.1 Earthwork Construction

Prior to beginning excavation, the designated areas will be checked for existing utilities and other potential interferences. The EMAC will obtain any necessary authorizations from NAS Key West and the local utility companies. The EMAC will also perform a walkdown of the areas to be excavated to visually observe locations of manholes, hydrants, valves, open cuts, overhead obstructions, curbs, buildings, and other unusual conditions. In addition, the EMAC will perform utility location surveys using standard field utility detection equipment. No excavation will be initiated until the utility location survey is complete. As part of the delineation sampling effort, TtNUS performed a geophysical survey to help identify subsurface utilities and structures in the excavation area. To assist the EMAC in locating subsurface utilities, the results of this survey are provided in Figure 2-2.

3.4.1.1 Limits of Excavation

Estimated limits of excavation are indicated on Figure 2-4. The EMAC will excavate a sufficient amount of soil to ensure that the soil remaining in place does not contain contaminants at concentrations greater than the soil cleanup target levels. The need for additional excavation will be determined in the field based on analytical results of confirmation samples collected by TtNUS. If additional excavation of a sidewall is needed, the EMAC will remove an additional 10 feet of soil from the affected wall to the depth indicated on Figure 2-4 and TtNUS will collect additional confirmation samples from the over-excavated

wall. If additional excavation of a floor is needed, the EMAC will remove an additional six inches of soil will from the floor of the affected grid cell and TtNUS will collect an additional confirmation sample from the floor of the grid cell.

Once all material has been excavated and the extent of contaminated material requiring removal has been confirmed by an offsite laboratory, a registered land surveyor shall provide the necessary survey information (coordinates, elevations, etc.) to prepare as-built drawings of the excavation.

3.4.1.2 Method of Excavation

All excavation will be by backhoe and/or excavator where practical. In areas where interferences are present and preclude the use of mechanized equipment, excavation will be by hand. All interferences such as utilities will be properly maintained while the excavation is in progress and remain protected until the excavation is backfilled. All necessary precautions will be made to assure that active utilities are not damaged and service is not interrupted.

3.4.2 Contaminated Material Transport and Storage

As contaminated soil is excavated, the material will be temporarily stockpiled onsite, on a protective polyethylene film or ground cloth, or loaded into containers for temporary storage. Due to the different types of contamination present at the site, soil removed from grid cell 5 will be segregated from the soil removed from grid cells 6, 7, 10, and 11.

Contaminated materials transported from NAS Key West will be packaged, labeled, marked and transported offsite in accordance with Department of Transportation regulations, Sections 100-177. In addition, all treatment, storage, and disposal facility (TSDF) waste acceptance criteria will be adhered to, and the applicable manifests will be completed by the EMAC for signature by the Navy.

Efforts will be made to keep contaminated soil from tracking off the site by visually inspecting disposal trucks and cleaning debris from tires if necessary.

3.4.3 Backfill

Backfilling of excavated areas will be performed after reviewing the results of the confirmation sampling. TtNUS will collect the samples and have the analysis performed on a 48-hour turnaround time. In the interim, the area of excavation remaining open will be protected using temporary fencing to avoid intrusion until the areas are backfilled. Backfill material will be from approved offsite borrow areas. All

material placed within the excavations will be field compacted with the track of earth moving equipment or roller compactors to a minimum of 85 percent compaction or no less than four passes of the earth moving equipment. Material shall be compacted in maximum lifts of approximately one foot.

Prior to backfilling, if groundwater is encountered, an appropriate amount of crushed stone may be provided as a bottom layer in order to stabilize saturated material resulting from groundwater intrusion within the open excavation. Standing water in the excavation will not be removed prior to backfilling. If required, this layer of crushed stone will provide the means to achieve the desired compaction. Backfilling with a layer of gravel will be at the discretion of the EMAC.

3.4.4 Waste Management

There are several waste management activities that are anticipated during his remedial action, including disposal of:

- Excavated soils
- Construction debris
- Decontamination water
- Nonhazardous waste
- Personal protective equipment and other incidentally contaminated materials.

3.4.4.1 Waste Minimization

Construction activities at the site will be controlled to minimize the amount of waste materials that must eventually be disposed. Waste minimization is an important goal and will be implemented during all site operations. These practices include:

- Limiting extraneous materials taken into work areas
- Cleaning equipment used to support onsite activities
- Use of consumable items that can be compacted or otherwise volume reduced.

3.4.4.2 Decontamination Water

Decontamination water will be containerized and sampled by the EMAC. The EMAC will transport contaminated water to a TSDF for treatment and disposal in accordance with applicable state and federal regulations.

3.4.4.3 Nonhazardous Solid Waste Disposal

Any nonhazardous solid waste that is generated as a result of the work in the Work Plan will be properly disposed offsite at a municipal or industrial landfill.

3.5 CONFIRMATION SAMPLING PLAN

3.5.1 Sampling Objectives

Delineation sampling conducted at NAS Key West determined that chemical contaminants (e.g., lead and PCBs) within the soil at the Former Water Tower Site need to be addressed via excavation of the contaminated soils with off-site disposal. The purpose of this confirmation sampling plan is to present procedures to obtain sufficient data to confirm that no further removal of contaminated soil is required following the expedited removal action at the Former Water Tower Site. The excavation areas are shown on Figure 2-4. Confirmation sampling will be performed at each excavation and the analytical data will be used to determine attainment of the appropriate FDEP closure standards.

3.5.2 Data Quality Objectives

Data quality objectives and the data quality objective process are documented in the SSI Work Plan for BRAC Parcels at Truman Annex (TtNUS, 1999a).

3.5.3 Confirmation Sampling

Confirmation sampling of the excavation sidewalls and bottom will be conducted. Excavated and stockpiled soils will be evaluated by the EMAC to determine their suitability for a disposal facility.

Confirmation sampling will be performed only after the excavation is completed and before site restoration begins. Soil sampling operations will be conducted in accordance with FDEP SOPs (FDEP, 2002). A dedicated polyethylene or stainless-steel trowel will be used to collect the grab samples from the sidewalls and floor of the excavations. One disposable sampler will be used per sample location. If non-disposable sampling equipment is used (such as a stainless-steel trowel) to aid the confirmation sampling, the equipment will be decontaminated between each sample location. All pertinent field data will be recorded on a sample log sheet and in the field logbook. The field staff will also provide detailed documentation of sampling activities, including field notes and photographs, for future reference by the Navy.

The excavated area in grid cell 5 will require a minimum of five representative soil samples. Four samples will be collected from the excavation sidewalls and one sample will be collected from the center of the excavation floor. The sidewall samples will be grab samples obtained from the center of the each side of the excavation. The one floor grab sample will be collected from the center of the floor of the excavation in the 0 to 6 inch interval below the bottom of the excavation.

The excavated area in grid cells 6, 7, 10, and 11 will require a minimum of 28 representative soil samples. Three samples will be collected from the center of each excavation sidewall of each of the four grid cells and one sample will be collected from the center of the excavation floor of each grid cell. The sidewall samples will be grab samples obtained from the sides of the excavation. Sidewall samples will be collected from three intervals: 0 to 6 inches, 6 to 12 inches, and 12 to 24 inches. The one floor grab sample will be collected from the center of the floor of the excavation in the 0 to 6 inch interval below the bottom of the excavation.

The confirmatory soil samples from grid cell 5 will be analyzed at a fixed-base laboratory for TAL metals. The samples taken from grid cells 6, 7, 10, and 11 will be analyzed at a fixed-base laboratory for TCL PCBs as well as TAL metals. Samples taken from grid cells 6, 7, 10, and 11 will also be analyzed in the field for PCBs using immunoassay to provide immediate results for field decisions. Based on the PCB results of the delineation sampling activity, immunoassay will use Aroclor 1260 as the kit standard and the samples will be diluted to better quantify the amount of PCB present. Table 3-1 summarizes the analyses required for this field effort.

If confirmation sample results indicate that remaining contaminant levels within the sample area are unacceptable (i.e., exceeding soil cleanup target levels), additional soil removal actions will be necessary from that excavation. After the additional excavation efforts from that excavation are complete, another set of confirmation samples will be obtained from the new excavation limits to determine if the closure standards for the area have been met or additional excavation is needed. This cycle of over-excavation and re-sampling will continue until the closure standards for that excavation area have been achieved.

Action levels are provided in Tables 3-2 and 3-3.

3.5.4 Quality Control (QC) Samples

QC samples will be collected as specified in the FDEP SOP FQ1000 – Field Quality Control Requirements (FDEP, 2002) and the Tetra Tech Corporate Quality Assurance Manual (TtNUS, 2002a). Duplicate samples will be collected at the rate of one per 10 samples. MS/MSD samples will be collected

at the rate of one per 20 samples per matrix. Equipment blanks and field blanks will also be collected at a minimum of 5 percent of each reported test result/matrix combination.

3.5.5 Sample Identification

Base and Site Designations

The base designation for Naval Air Station Key West is KW. The site designation for the Former Water Tower Site is C03.

Soil Sample Identification

A sample tracking number will consist of a five- to six-segment, alphanumeric code that identifies the Site number, investigation phase, location, sample type, depth, month and year of sample event, and the QC designation. The sample type and QC designations will only be used if applicable. Any other pertinent information regarding sample identification will be recorded in the field logbook.

The alphanumeric coding to be used in the sample system and examples of possible sample identification numbers follow:

ANN	-	Site Number
A	-	Investigation Phase
NN	-	Grid Cell Number (Figure 2-4)
A	-	Location
A	-	Sample Type
NN	-	Depth (if applicable)
NNNN	-	Month and Year
AAA	-	QC Designation (if applicable)

Character Type:

A = Alpha

N = Numeric

Investigation Phase:

V = Confirmation

Sample Type:

C = Composite (if applicable)

Location:

F	-	Floor
N	-	North Wall
S	-	South Wall
E	-	East Wall
W	-	West Wall

Example 1: A confirmation sample collected from the north wall of grid cell number 6 at Site C03 at a depth of 12 inches, during the August 2004 sampling event would be called C03V-06N-12-0804.

Example 2: The confirmation sample, MS, and MSD collected from the floor of grid cell number 7 at Site C03 during the August 2004 sampling event would be called C03V-07F-0804, C03V-07F-0804MS, C03V-07F-0804MSD.

Rinsate, and field blanks will be identified by base designation, type of blank, and the date of collection. For example, the fixed-base analytical rinsate blank collected on August 4, 2004 would be called KWRB080404.

3.5.6 Sample Analyses

The proposed sample analyses were based on past land use and the compounds identified during past sampling events. Laboratory results will be available within 48 hours after sampling. Rinsate blanks, trip blanks, and field duplicates will be analyzed as necessary for quality assurance/quality control purposes.

Although samples will be analyzed with a 48 hour turnaround time, the results cannot be considered final until the data have been fully validated. There is some risk associated with making decisions based on preliminary data. Concentrations may be modified during validation process, making additional excavation necessary. Site closure reporting in the RACR will be based on the validated data. Table 3-1 contains a listing of the analytes and methods of analysis that will be performed during the confirmation sampling.

3.5.7 Investigation-Derived Waste Handling

A small volume of Investigation-Derived Waste (IDW) is expected to be generated during field sampling due to the use of manual sampling techniques. Prior remediation activities have disturbed and homogenized the surface soil at the water tower site. Thus, any IDW that is generated will be placed back into the soil at each respective sampling location.

3.6 SURVEYING

Handheld global positioning system (GPS) or direct measurements will be used to locate all sample locations. An X-Y-Z coordinate system will be used to identify locations. Each location will be measured from a reference point tied to the state plane system, where the X coordinate describes the east-west axis location (Easting) and the Y coordinate describes the north-south axis location (Northing). All locations will be reported using the Florida State Plane Coordinate System-Eastern Zone. Elevations and horizontal locations will be measured to the nearest tenth of a foot.

The footprint of all excavations will be surveyed by a certified land surveyor. An X-Y-Z coordinate system will be used to identify locations. Each location will be measured from a reference point tied to the state plane system, where the X coordinate describes the east-west axis location (Easting) and the Y coordinate describes the north-south axis location (Northing). The vertical coordinates (Z coordinates) of each excavation will be surveyed in reference to the National Geodetic Vertical Datum. All surveyed locations will be reported using the Florida State Plane Coordinate System-Eastern Zone. Existing installation benchmarks will serve as the horizontal and vertical data for the survey. Elevations and horizontal locations will be measured to the nearest hundredth of a foot.

3.7 REPORTING

Results from this investigation will be presented in a Project Completion Report to the Navy. The report will document soil removal and disposal, confirmation sampling, and backfilling the excavation at the Former Water Tower Site. Survey data for the excavated area will also be included in the report. The report will be submitted in draft and final form to the Navy.

TABLE 3-1

**PARAMETER GROUPS FOR SOIL ANALYSIS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA**

Parameter	Number of Samples [(a)]
Soil (Confirmation Samples)	
TAL Metals	17
TCL PCBs	12
Aqueous (Rinsate blank Samples)	
TAL Metals	3
TCL PCBs	3

(a) The actual number of confirmation samples will be determined in the field based on the size and shape of the excavated area.

TAL Metals – Method SW-846 6010B
TCL PCBs – Method SW-846 8081A/8082

TABLE 3-2

TAL METALS ACTION LEVELS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Parameter	Chemical Abstract Service Number	Residential Action Level	Units
Aluminum	7429-90-5	72,000	mg/kg
Antimony	7440-36-0	26	mg/kg
Arsenic	7440-38-2	2.66	mg/kg
Barium	7440-39-3	110	mg/kg
Beryllium	7440-41-7	120	mg/kg
Cadmium	7440-43-9	75	mg/kg
Calcium	7440-70-2	NA	mg/kg
Chromium	7440-47-3	210	mg/kg
Cobalt	7440-48-4	4,700	mg/kg
Copper	7440-50-8	110	mg/kg
Cyanide	57-12-5	30	mg/kg
Iron	7439-89-6	23,000	mg/kg
Lead	7439-92-1	400	mg/kg
Magnesium	7439-95-4	NA	mg/kg
Manganese	7439-96-5	NA	mg/kg
Mercury	7439-97-6	1,600	mg/kg
Nickel	7440-02-0	3.4	mg/kg
Potassium	7440-09-7	110	mg/kg
Selenium	7782-49-2	NA	mg/kg
Silver	7440-22-4	390	mg/kg
Sodium	7440-23-5	390	mg/kg
Thallium	7440-28-0	NA	mg/kg
Vanadium	7440-62-2	44,000	mg/kg
Zinc	7440-66-6	15	mg/kg

TABLE 3-3

PCB ACTION LEVELS
FIELD SUMMARY REPORT AND ENGINEERING EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Parameter	Chemical Abstract Service Number	Residential Action Level	Units
Aroclor-1016	12674-11-2	500	µg/kg
Aroclor-1221	11104-28-2	500	µg/kg
Aroclor-1232	11141-16-5	500	µg/kg
Aroclor-1242	53469-21-9	500	µg/kg
Aroclor-1248	12672-29-6	500	µg/kg
Aroclor-1254	11097-69-1	500	µg/kg
Aroclor-1260	11096-82-5	500	µg/kg

4.0 ENGINEERING EVALUATION/COST ANALYSIS FOR ALTERNATIVES

This Engineering Evaluation/Cost Analysis (EE/CA) compares the remedial alternatives developed for the Truman Annex Water Tower Site at Naval Air Station (NAS) Key West. A detailed description of each alternative and the results for each specific evaluation standard are included.

4.1 DESCRIPTION OF SITE

A description of the site, including its history and background, is provided in chapter 1 of this document. Concentrations of PCBs and lead exceeding action levels were detected in the surface soil at the water tower site during delineation sampling. For this reason, the areas at the Former Water Tower Site that contain contaminant concentrations above the action levels require remediation.

4.2 ALTERNATIVES

Preliminary remedial alternatives considered for these sites included soil washing, encapsulation, excavation and disposal, solidification, electrokinetic separation, chemical extraction, and capping. Based on several criteria, the alternatives considered for all sites were narrowed down to three alternatives.

- Alternative 1 - Soil Washing
- Alternative 2 - Encapsulation/Stabilization in an asphalt emulsion
- Alternative 3 - Excavation and Disposal

4.3 COMPARATIVE ANALYSIS OF ALTERNATIVES

An alternative is selected based on a comparison of possible alternatives using the following criteria:

- Protection of human health and the environment
- Media clean-up standards
- Source control
- Waste management standards
- Other factors
- Long-term reliability and effectiveness
- Reduction in toxicity, mobility, or volume
- Short-term effectiveness

- Implementability
- Cost

This section discusses the evaluation criteria and how well each alternative meets each criterion.

4.3.1 Protection Of Human Health and The Environment

The protection of human health and the environment is the overriding goal of any remedy that would be appropriate for the Former Water Tower Site. This criterion considers the extent to which an alternative mitigates potential short- and long-term exposure to residual contamination and how the remedy would protect human health and the environment both during and after implementation of the alternative. In addition, the levels and characterization of contaminants remaining in situ, potential exposure pathways, potentially affected populations, their level of exposure to contaminants, and the reduction of exposure over time are considered. For management of mitigation measures, the relative reduction of environmental impacts for each alternative is determined by comparing residual levels for each alternative with existing criteria, standards, and guidelines. The ecological considerations for this evaluation criterion include potential short- and long-term beneficial or adverse effects of the corrective measure, adverse effects on environmentally sensitive areas, and an analysis on how to mitigate adverse effects.

- Alternative 1 would be protective of human health and the environment because soil washing would reduce contaminant levels in the soil, reducing risk to human and ecological receptors. However, soil washing may be only partially effective for PCBs.

- Alternative 2 would be protective of human health and the environment because encapsulation/stabilization would prevent migration of the contaminants. However, as with soil washing, encapsulation/stabilization may be only partially effective for PCBs.

- Alternative 3 would eliminate the potential for exposure because the contamination would be removed from the site.

4.3.2 Media Clean-Up Standards

This criterion considers whether the alternative would achieve the media clean-up standards. In addition, it assesses relevant institutional needs for each alternative. The effects of federal, state of Florida, and local environmental regulations also are considered. At the Former Water Tower Site, the remediation must comply with residential media-cleanup standards.

- Alternatives 1 and 3 would comply with the media-cleanup standards.
- Alternative 2 would not reduce contamination to media-clean up standards, but would reduce mobility of contaminants.

4.3.3 Source Control

This criterion evaluates the ability of each alternative to control the source of contamination so as to reduce or eliminate further releases that could pose a threat to human health and the environment. The criterion addresses whether source control measures are necessary and if so, what source control actions would be appropriate.

- Alternatives 1 and 2 would provide some source control by reducing or containing the contamination.
- Alternative 3 would provide effective control of contaminant sources in soil by removing the most contaminated soil.

4.3.4 Waste Management Standards

The selected alternative must comply with applicable standards for the management of wastes. These standards require a description of how the specific waste management activities would be conducted in order to maintain compliance with all applicable state and federal regulations.

- Alternatives 1 and 2 would require treatment and/or disposal of wastes generated by soil washing and encapsulation/stabilization.

- Alternative 3 would remove and dispose of the soil with contaminant concentrations in excess of residential standards.

Soil removal would be conducted in accordance with the Resource Conservation and Recovery Act (RCRA) (40 CFR 262, 263, 264, and 268) and the state of Florida regulatory requirements (Chapter 62-730 F.A.C.), as well as equivalent requirements of the state in which the TSDF is located. In addition, a licensed waste hauler would be used to transport the containerized waste to the TSDF. All applicable RCRA and state of Florida waste management requirements would be complied with in the containerization, labeling, and manifesting of the waste materials.

4.3.5 Long-Term Reliability and Effectiveness

Evaluation of long-term reliability and effectiveness of the alternatives includes an assessment of their useful life, operation and maintenance procedures, and demonstrated reliability.

- Alternative 1 would be reliable and effective in the long term since the contamination would be reduced in the soil, provided a treatability study proves that soil washing is a valid remediation method for the contamination.

- Alternative 2 does not have a proven record for long-term reliability and effectiveness for encapsulation of organics. The asphalt mix may not stabilize the contaminated soil indefinitely.

- Alternative 3 would remove the contaminated soil from the site, which would be a very reliable and effective alternative in the long-term.

4.3.6 Reduction in Toxicity, Mobility, or Volume

This criterion evaluates the ability of the alternative to reduce the toxicity, mobility, or volume of the contaminants or media through treatment.

- Alternative 1 would reduce the toxicity and volume of the contaminants in the soil.

- Alternative 2 would reduce the mobility of the contaminants by encapsulating them in an asphalt emulsion. However, there would be no reduction of toxicity or volume of contamination.

- Alternative 3 may include treatment of the soil, if required. Any treatment would be designed to reduce the toxicity and mobility of contaminants remaining in the soil before being sent to a TSDF. Toxicity at the excavation site would be reduced due to the removal of contaminated soil.

4.3.7 Short-Term Effectiveness

This criterion evaluates the potential effects to the workers and community during implementation of the corrective measures.

- No significant risks to the community are anticipated from any of the three alternatives, other than the minimal risk associated with transportation of the contaminated media through the community and during off-site treatment and disposal under Alternative 3.

- All alternatives would have some short-term risk to workers because of their exposure to the contaminated soil. These risks would be adequately controlled by following appropriate health and safety procedures.

4.3.8 Implementability

This criterion evaluates the relative ease of implementation, availability of equipment and services, the technical complexity of the process, and the ability to obtain required permits.

- Alternatives 1 and 2 would both require a treatability study, making them more difficult to implement. In addition, the treatability studies could determine that the alternative would be ineffective.

- Alternative 3 would remove the contaminated soil, which would be readily implementable because it would use proven and commercially available technologies.

4.3.9 Cost

A cost estimate of each of the corrective measures includes capital, operation, and maintenance costs. Capital costs include both direct and indirect costs. Operating and Maintenance costs include post-construction activities that are necessary to ensure the continued effectiveness of an alternative. These cost estimates are for technology comparison only.

Alternative	Capital ($)
1	41,750
2	29,500
3	36,750

Based on the estimated limits of excavation identified in Figure 2-4, approximately 175 cubic yards of soil would be remediated. Cost calculations were done with the assumption that one cubic yard of soil weighs approximately one ton. Costs for alternatives 1 and 2 are based on an average cost per ton provided by the Federal Remediation Technologies Roundtable (FRTR) Remediation Technologies Screening Matrix and Reference Guide (FRTR, 2002). According to this resource, the average cost for soil washing is approximately $170/ton. The cost for stabilization/encapsulation is approximately $100/ton. A treatability study cost of $12,000 was added for alternatives 1 and 2. The cost for excavation and disposal is approximately $210/ton, based on estimates provided by Enola Contracting Services, Inc. and previously calculated excavation costs. The cost for excavation and disposal is approximately $7,250 more than the estimated cost for encapsulation/stabilization. However, a treatability study would delay full

implementation of the encapsulation/stabilization remedy and may prove that this remedy is not feasible at the Former Water Tower Site.

4.4 SUMMARY OF COMPARATIVE ANALYSIS OF ALTERNATIVES

Table 4-1 summarizes results of the comparative analysis of alternatives.

4.5 RECOMMENDED ALTERNATIVE

The recommended remedial alternative for the Former Water Tower Site is Alternative 3 – Excavation and Disposal. Alternative 3 is viewed as appropriate for the site for several reasons. Since Alternative 3 would remove the contamination, this alternative would be the most protective of human health and the environment. This alternative also is readily implementable because it uses proven and commercially available technologies. In addition, Alternative 3 would not require a treatability study, while Alternatives 1 and 2 would require this additional study. In summary, Alternative 3 was chosen because of the ease of implementation, the proven reliability, and the effective control of contamination.

TABLE 4-1

COMPARISON OF ALTERNATIVES
FIELD SUMMARY REPORT AND ENGINEER'S EVALUATION/COST ANALYSIS
NAVAL AIR STATION
KEY WEST, FLORIDA

Alternative 1: Soil Washing	Alternative 2: Encapsulation/Stabilization	Alternative 3: Excavation and Disposal
Protection of Human Health and the Environment		
If feasible for soil contaminants, would be protective of human health and the environment by reducing contamination.	If feasible for soil contaminants, would be protective of human health and the environment by preventing migration of the contaminant and preventing exposure.	Would eliminate the potential for exposure since the contamination would be removed from the site.
Media Clean-Up Standards		
Would comply with media clean-up standards.	Would not reduce contamination, but would reduce mobility of contaminants.	Would comply with media clean-up standards.
Source Control		
Would provide some source control by reducing contamination.	Would provide some source control by containing contamination.	Would provide partial source control by removing the most contaminated part of the soil.
Waste Management Standards		
Would require treatment and/or disposal of wastes generated by this process.	Would require treatment and/or disposal of wastes generated by this process.	Would comply with all applicable waste management standards during implementation.
Long-Term Reliability and Effectiveness		
Depending on results of a treability study, could be reliable and effective since the contamination would be reduced in the soil.	No proven record for reliability and effectiveness with organic contaminants. May not encapsulate soil contamination indefinitely.	Because soil would be removed from the site, this alternative is very reliable and effective in the long-term.
Reduction in Toxicity, Mobility, or Volume through Treatment		
Would reduce the toxicity and volume of the contaminants in the soil.	Would reduce the mobility of the contaminants by encapsulating them in an asphalt emulsion.	May include treatment of the soil at the TSDF, if required. Any treatment would reduce toxicity and mobility.
Short-Term Effectiveness		
Short-term risk to workers would occur during treatment.	Short-term risk to workers would occur during treatment.	Short-term risk to workers would occur during the removal, potential treatment, and disposal of contaminated soil. Community risk would occur only during transport of contaminated media.
Implementability		
Would require a treatability study.	Would require a treatability study.	Readily implementable because of the use of proven and commercially available technologies.
Cost		
$41,750	$29,500	$36,750

REFERENCES

Bechtel Environmental, Inc., 1999. Project Completion Report for BRAC Parcels Fast Track Soil Removals, prepared for Department of the Navy, Southern Division, Naval Facilities Engineering Command, Oak Ridge, Tennessee, June.

Brown and Root Environmental, 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.

Falcon (Pedro Falcon Electrical Contractors, Inc.), 2003. Sampling Results for the Truman Annex Water Tower. Big Pine Key, Florida, September 18.

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

FRTR (Federal Remediation Technologies Roundtable), "Remediation Technologies Screening Matrix and Reference Guide, 4th Edition," http://www.frtr.gov/, January 2002.

TtNUS (Tetra Tech NUS, Inc.), 1999a. Rev. 1, Supplemental Site Inspection Work Plan for BRAC Parcels at Truman Annex, Naval Air Station Key West, prepared for the Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, SC, February.

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

TtNUS (Tetra Tech NUS, Inc.), 2002a. Florida Regional Quality Assurance Program Manual, October.

TtNUS (Tetra Tech NUS, Inc.), 2002b. Rev. 4, Decision Document for Ten Base Realignment and Closure (BRAC) Sites, Naval Air Station Key West, prepared for the Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, SC, April.

TtNUS (Tetra Tech NUS, Inc.), 2004. Work Plan for Delineation and Confirmation Sampling to Support the Expedited Removal Action at the Truman Annex Water Tower Site, Naval Air Station Key West,

prepared for the Department of the Navy, Southern Division, Naval Facilities Engineering Command, Aiken, SC, May.

APPENDIX A – SAMPLE LOG SHEETS

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-1C-06-0604
Sample Location: C03D-1C-06
Sampled By: GB
C.O.C. No.: #2

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 0904 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

Date: Time: Method: HAND AUGER Monitor Readings (Range in ppm):	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1 x 8oz jar	☑	

OBSERVATIONS / NOTES:

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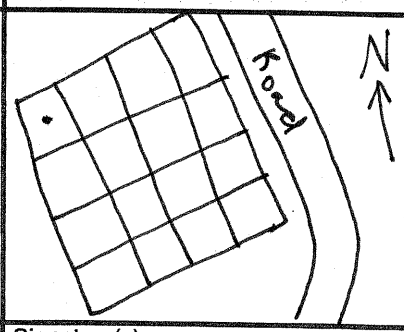

Circle if Applicable:

MS/MSD

Duplicate ID No.: KW-DUP-01-0604

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-01C-12-0604
Sample Location: C03-1C-12
Sampled By: GB
C.O.C. No.: #2

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 0904 Method: DPT Monitor Reading (ppm): NA	6 - 12"	light brown to white	Sand, medium to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn & TCL SVOC	1x 8oz jar	2	

OBSERVATIONS / NOTES:

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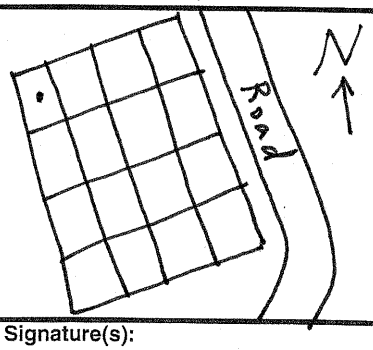


Circle if Applicable:

MS/MSD

Duplicate ID No.: KW-DUP-02-0604

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-01C-24-0604
Sample Location: C03-1C-24
Sampled By: GB
C.O.C. No.: #2

(X) Surface Soil
SS [X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 0904 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

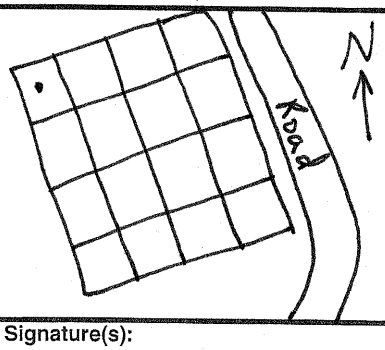
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, & TCL SVOC	1x 8oz jar	2	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.: KW-DUP-03-0604

Signature(s): Gary Bregger

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-02C-06-0604
Sample Location: C03D-02C-06
Sampled By: GB
C.O.C. No.: #2

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1032 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

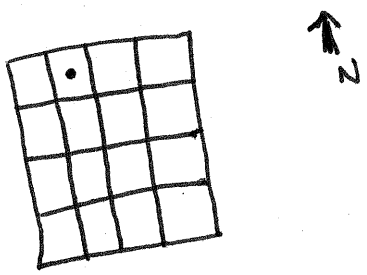
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	1 x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bungang

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-12C-12-0604
Sample Location: C03D-8C-12
Sampled By: GB
C.O.C. No.: #2

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1032 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

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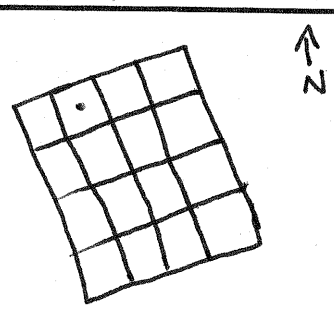


Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Gary Bragan Jr

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-02C-24-0604
Sample Location: C03D-2C-24
Sampled By: GB
C.O.C. No.: #2

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1032 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

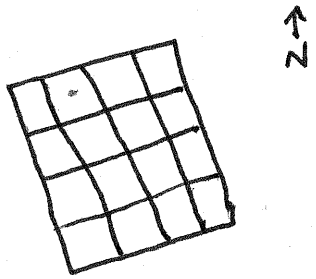
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1 x 8oz jars	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-03C-06-0604
Sample Location: C03D-03C-06
Sampled By: GB
C.O.C. No.: #2

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1420 Method: DPT Monitor Reading (ppm): NA	0 - 6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals+Sn, TCL SVOCs	1 x 8oz jar	)	

OBSERVATIONS / NOTES:

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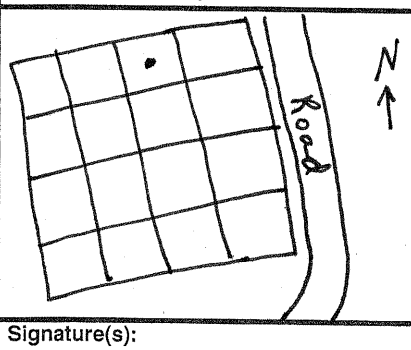

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bregange

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-03C-12-0604
Sample Location: C03D-03C-12
Sampled By: GB
C.O.C. No.: #2

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1420 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	sand, medium to ~~tight~~ fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	1x 8oz jar	1	

OBSERVATIONS / NOTES:

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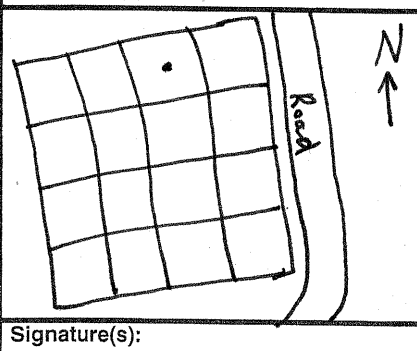


Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-03C-24-0604
Sample Location: C03D-03C-24
Sampled By: GB
C.O.C. No.: #3

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1420 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

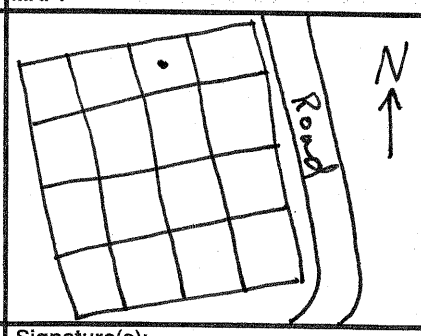
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1 x ~~SVOC~~ 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-04C-06-0604
Sample Location: C03D-04C-06
Sampled By: GB
C.O.C. No.: #3

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1501 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

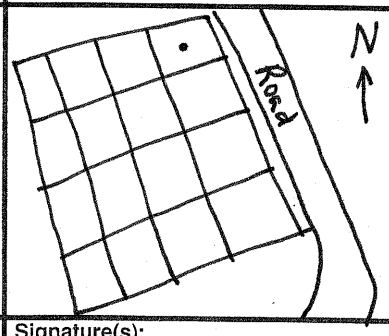
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals+Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragonier

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-04C-12-0604
Sample Location: C03D-04C-12
Sampled By: GB
C.O.C. No.: #3

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1501 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1 x 8oz jar	1	

OBSERVATIONS / NOTES:

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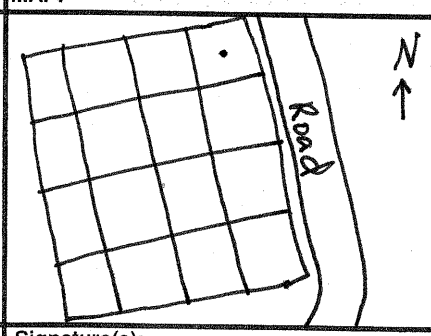


Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-04C-24-0604
Sample Location: C03D-04C-24
Sampled By: GB
C.O.C. No.: #3

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/6/04 Time: 1501 Method: DPT Monitor Reading (ppm): NA	12 - 24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

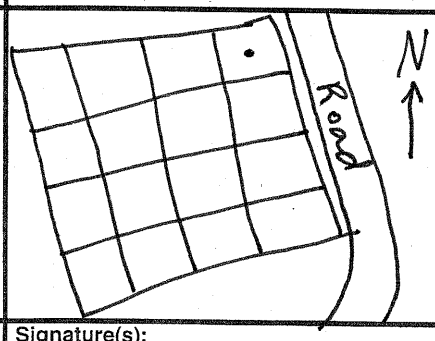
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-SC-06-0604
Sample Location: C03D-SC-06
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1604 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, med. to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

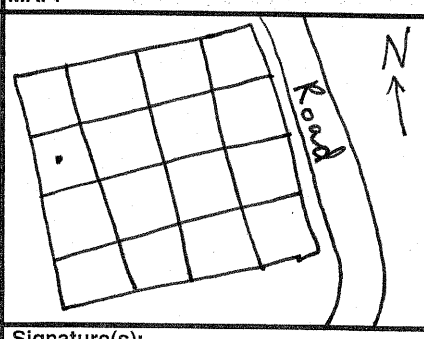
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-SC-12-0604
Sample Location: C03D-SC-12-0604
Sampled By: GB
C.O.C. No.: A1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1604 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	sand, med to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

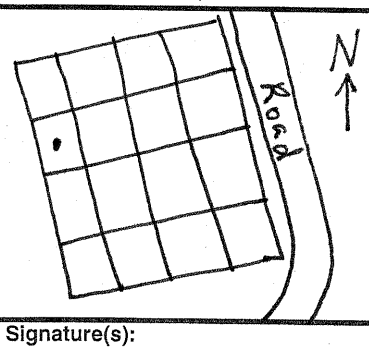
Date: Time: Method: HAND AUGER Monitor Readings (Range in ppm):	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-SC-24-0604
Sample Location: C03D-SC-24
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1604 Method: DPT Monitor Reading (ppm): NR	12-24"	light brown to white	Sand, med to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

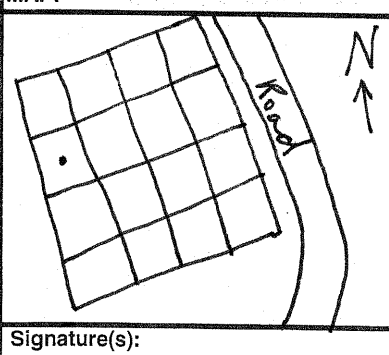
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Bungay

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-06C-06-0604
Sample Location: C03D-06C-06
Sampled By: GB
C.O.C. No.: #6

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 0940 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

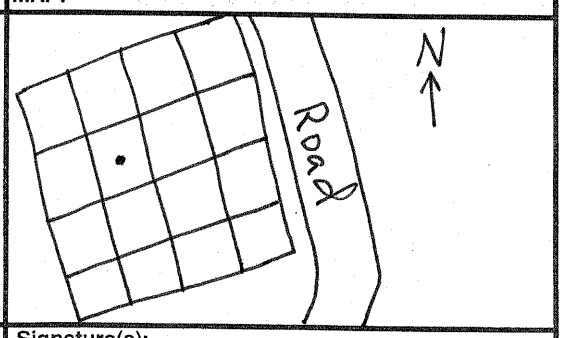
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals+Sn, TCL SVOC	2x 4oz jar	1	
TCL PCBs	1x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragange

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-06C-12-0604
Sample Location: C03D-06C-12
Sampled By: GB
C.O.C. No.: #6

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 0940 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

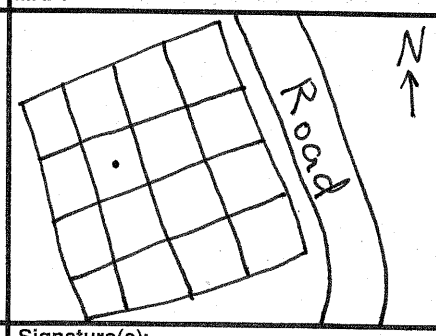
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	2 x 4oz jar	1	
TCL PCBs	1 x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragange

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-06C-24-0604
Sample Location: C03D-06C-24
Sampled By: GB
C.O.C. No.: #6

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 0940 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

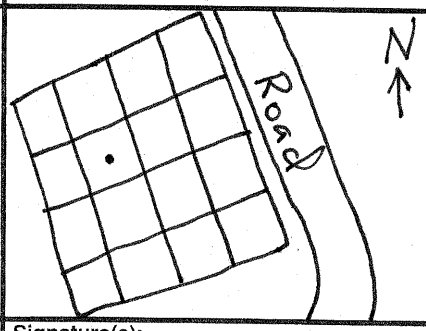
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2x 4oz jar	1	
TCL PCBs	1 x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Gary Bugange

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-07C-060604
Sample Location: C03D-07C-06
Sampled By: GB
C.O.C. No.: #6

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1405 Method: DPT Monitor Reading (ppm): NA	0 - 6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

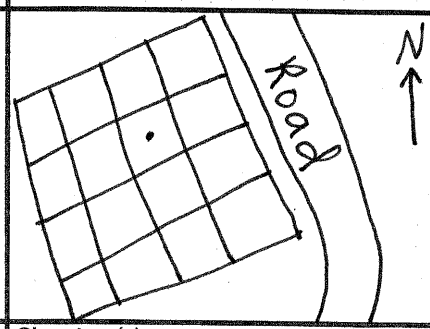
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2 x 4oz jar	1	
TCL PCB	1 x 4 oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-07C-12-0604
Sample Location: C03D-07C-12
Sampled By: GB
C.O.C. No.: #6

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1405 Method: DPT Monitor Reading (ppm): NA	6 - 12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

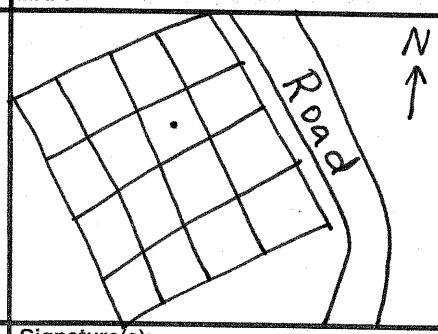
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2 x 4 oz jars	1	
TCL PCB	1 x 4 oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-07C-24-0604
Sample Location: C03D-07C-24
Sampled By: GB
C.O.C. No.: #7

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1405 Method: DPT Monitor Reading (ppm): NA	12 - 24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

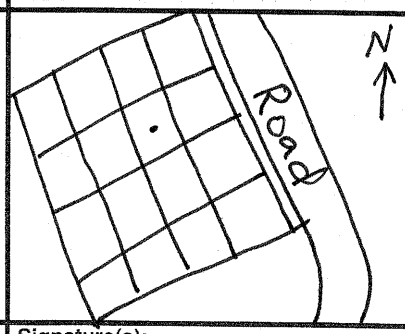
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2x 4 oz jar	1	
TCL PCBs	1 x 4 oz jar	2	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.: KW-DUP-05-0604 (PCB)

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: CO3D-08C-06-0604
Sample Location: CO3D-08C-06
Sampled By: GB
C.O.C. No.: #4

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1220 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

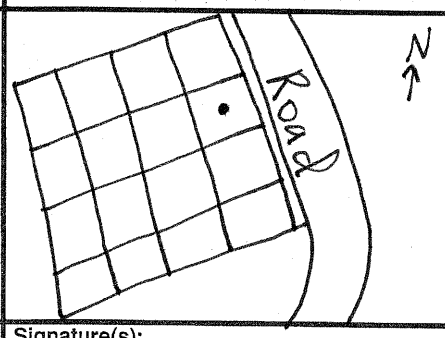
Date: Time: Method: HAND AUGER Monitor Readings (Range in ppm):	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	✓	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bogan

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-08C-12-0604
Sample Location: C03D-08C-12
Sampled By: GB
C.O.C. No.: #4

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1220 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

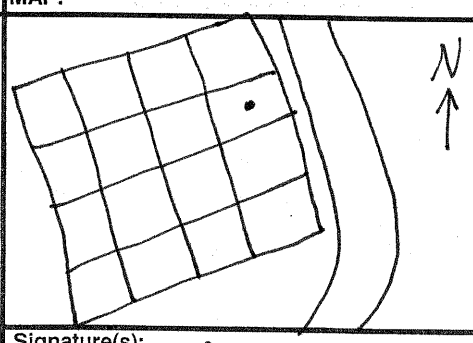
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	3	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bryant

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-08C-24-0604
Sample Location: C03D-08C-24
Sampled By: GB
C.O.C. No.: #5

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1220 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

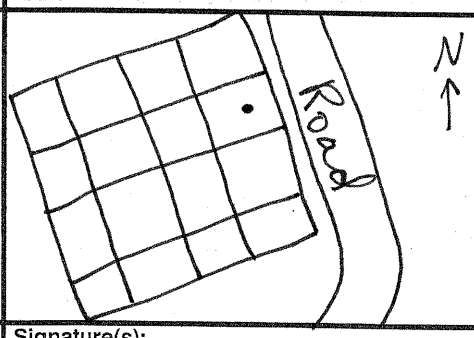
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, SVOCs	1 x 8 oz jar	2	
TAL Metals + Sn, SVOC	1 x 4 oz jar	2	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragonza

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-9C-06-0604
Sample Location: C03D-9C-06
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1248 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	sand, med. to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

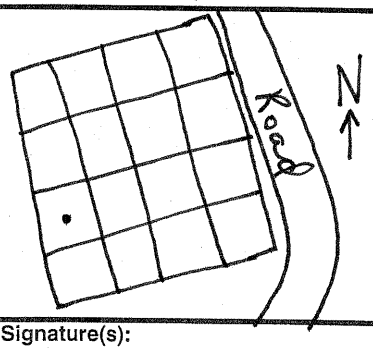
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Tin / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bringing

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-9C-12-0604
Sample Location: C03D-9C-12
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04	6"-12"	light brown to white	sand, med to fine grained, well sorted, dry
Time: 1248			
Method: DPT			
Monitor Reading (ppm): NA			

COMPOSITE SAMPLE DATA:

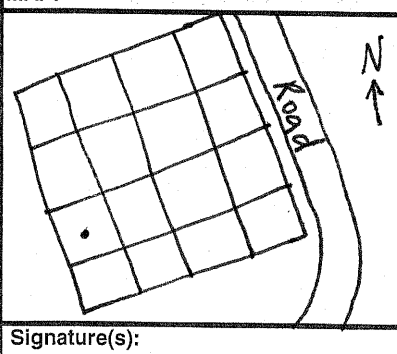
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragaw

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-9C-24-0604
Sample Location: C03D-9C-24
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1248 Method: DPT Monitor Reading (ppm): NA	12"-24"	light brown to white	sand, med to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

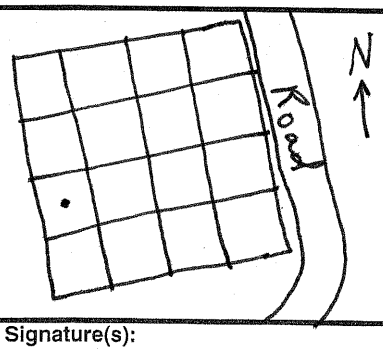
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1 x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-10C-06-0604
Sample Location: C03D-10C-06
Sampled By: GB
C.O.C. No.: #6

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1050 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

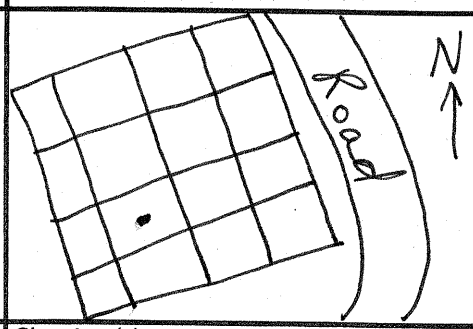
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metal + Sn, TCL SVOC	2x 4oz jar	1	
TCL PCB	1x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Braganza

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-10C-12-0604
Sample Location: C03D-10C-12
Sampled By: GB
C.O.C. No.: #6

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1050 Method: DPT Monitor Reading (ppm): NA	6 - 12"	light brown to white	Sand, meduim to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

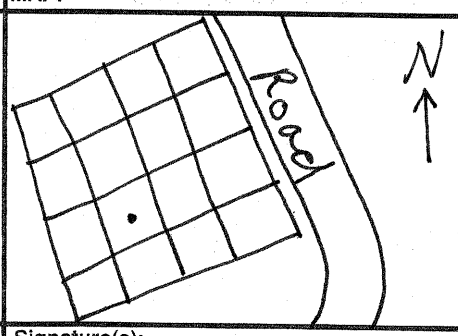
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals+Sn, TCL SVOC	2x 4oz jar	1	
TCL PCBs	1x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-10C-24-0604
Sample Location: C03D-10C-24
Sampled By: GB
C.O.C. No.: #6

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1050 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

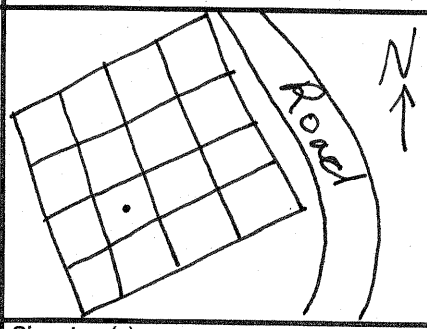
Date: Time: Method: HAND AUGER Monitor Readings (Range in ppm):	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals +Sn, TCL SVOC	2x 4 oz jar	3	
TCL PCB	1 x 4 oz jar	3	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: CD3D-11C-06-0604
Sample Location: CD3D-11C-06
Sampled By: GB
C.O.C. No.: #7

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1500 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

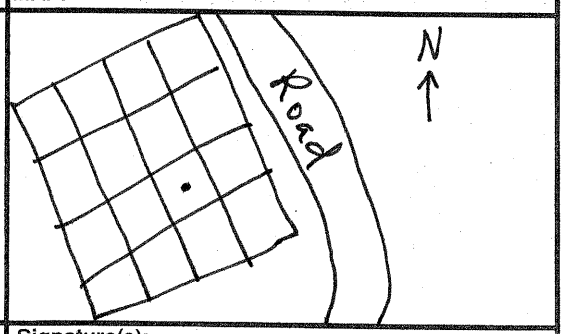
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2 x 4 oz jar	1	
TCL PCB	1 x 4 oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-11C-12-0604
Sample Location: C03D-11C-12
Sampled By: GB
C.O.C. No.: #7

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1500 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

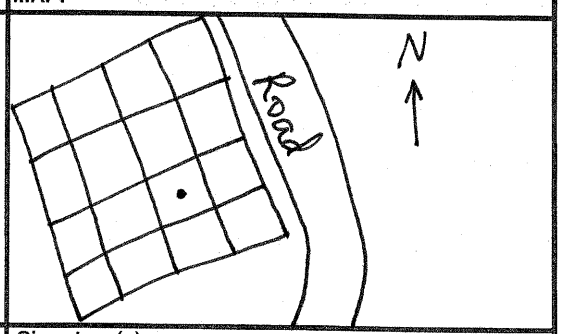
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2x 4oz jars	1	
TCL PCB	1x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-11C-24-0604
Sample Location: C03D-11C-24
Sampled By: GB
C.O.C. No.: #7

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/8/04 Time: 1500 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

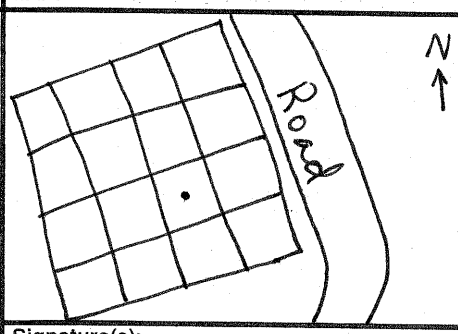
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2x 4oz jar	1	
TCL PCB	1x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-12C-06-0604
Sample Location: C03D-12C-06
Sampled By: GB
C.O.C. No.: #4

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1055 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

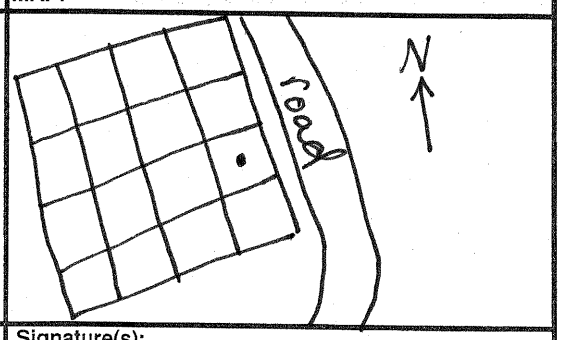
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-12C-12-0604
Sample Location: C03D-12C-12
Sampled By: GB
C.O.C. No.: #4

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1055 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

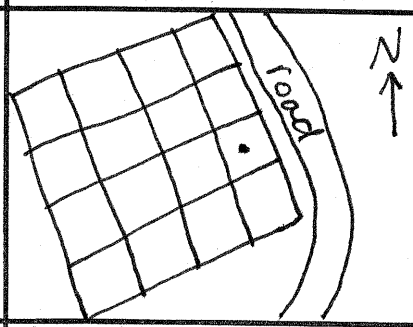
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragança

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-12C-24-0604
Sample Location: C03D-12C-24
Sampled By: GB
C.O.C. No.: #4

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1055 Method: DPT Monitor Reading (ppm): NA	12 - 24"	light brown to white	Sand, fine to medium grained well sorted, dry

COMPOSITE SAMPLE DATA:

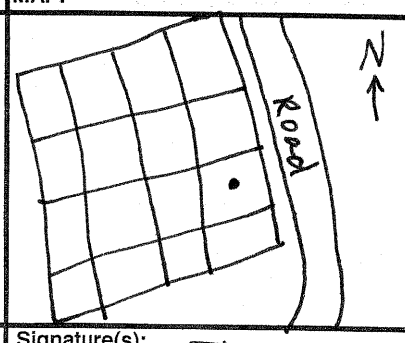
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bugg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-13C-06-0604
Sample Location: C03D-13C-06
Sampled By: GB
C.O.C. No.: #1

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1215 Method: DPT Monitor Reading (ppm): NA	0-6"	Light brown to white	Sand, medium to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

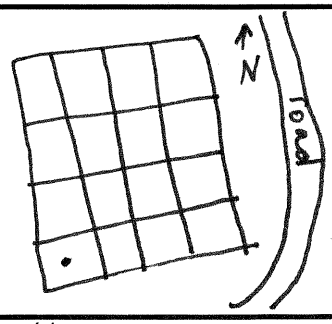
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOC	1 x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bergy

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-13C-12-0604
Sample Location: C03D-13C-12
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1210 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	sand, med. to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

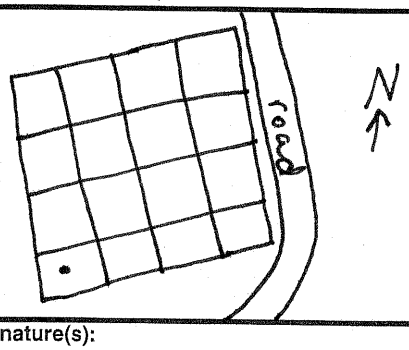
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOC	1 x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[ ] Surface Soil
[X] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-13C-24-0604
Sample Location: C03D-13C-24
Sampled By: GB
C.O.C. No.: #1

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/5/04 Time: 1205 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	sand, med. to fine grained, well sorted, dry

COMPOSITE SAMPLE DATA:

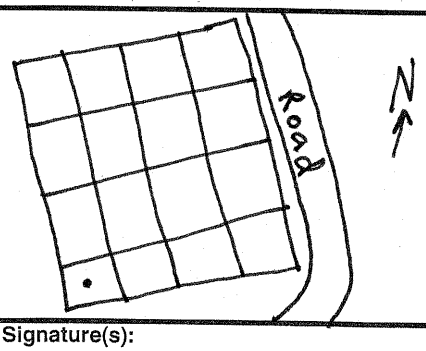
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn / TCL SVOCs	1x 8oz glass	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Bingaman

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-14C-06-0604
Sample Location: C03D-14C-06
Sampled By: GB
C.O.C. No.: #5

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1610 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

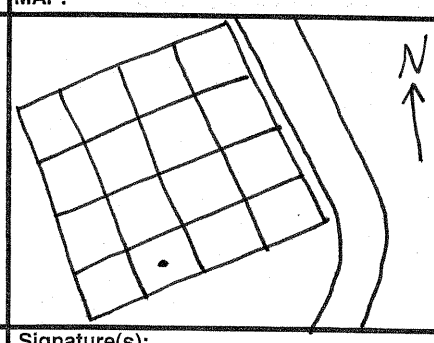
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	2x 4 oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

~~MS/MSD~~ Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-14C-12-06084
Sample Location: C03D-14C-12
Sampled By: GB
C.O.C. No.: #5

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1610 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

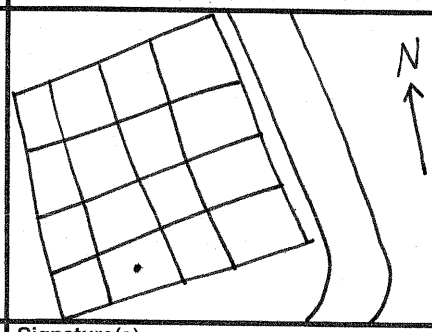
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	2x 4 oz jar	✓	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-14C-24-0604
Sample Location: C03D-14C-24
Sampled By: GB
C.O.C. No.: #5

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1610 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

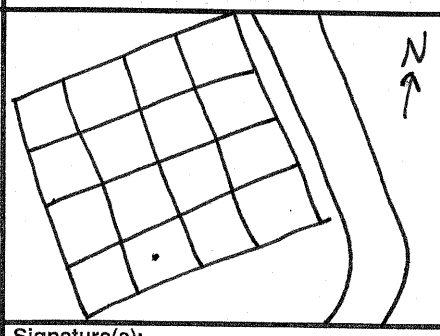
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals+Sn, TCL SVOCs	2x 4oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-15C-06-0604
Sample Location: C03D-15C-06
Sampled By: GB
C.O.C. No.: #5

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1525 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

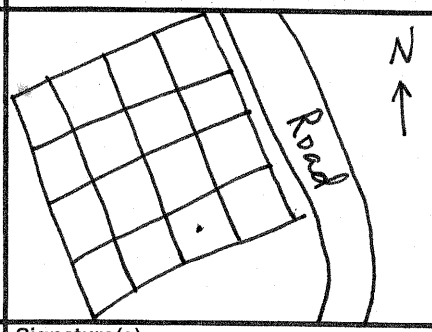
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL METALS + TIN	1 x 4oz glass jar	✓	
TCL SVOC's	1 x 4oz glass jar	✓	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragonza

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-15C-12-0604
Sample Location: C03D-15C-12
Sampled By: ab
C.O.C. No.: #5

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1525 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

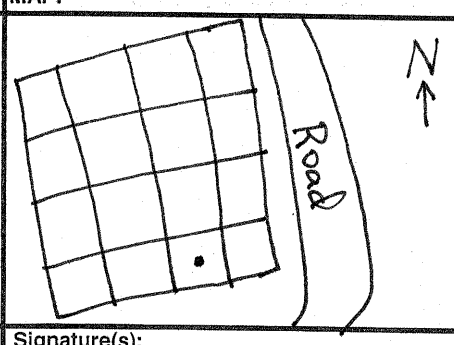
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL METALS + TIN	1 x 4oz glass jar	✓	
TCL SVOC's	1 x 4oz glass jar	✓	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.: KW-DUP-04-0604

Signature(s): Gary Burger

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

Sample ID No.: C03D-15C-24-0604
Sample Location: C03D-15C-24
Sampled By: GB
C.O.C. No.: #5

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 1525 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

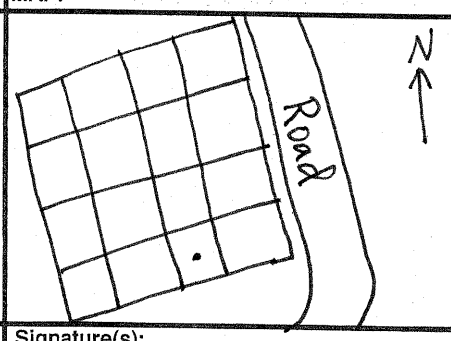
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL METALS + TIN	1 x 4oz glass jar	✓	
TCL SVOC's	1 x 4oz glass jar	✓	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-16C-06-0604
Sample Location: C03D-16C-06
Sampled By: GB
C.O.C. No.: #4

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 0955 Method: DPT Monitor Reading (ppm): NA	0-6"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

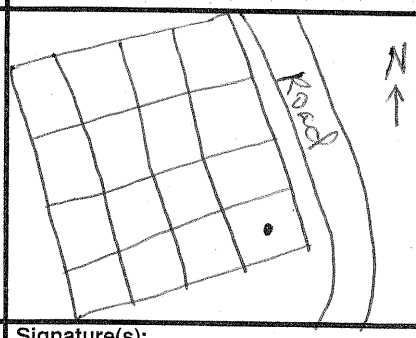
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1 x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Gary Bryan

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-16C-12-0604
Sample Location: C03D-16C-12
Sampled By: GB
C.O.C. No.: #4

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 0955 Method: DPT Monitor Reading (ppm): NA	6-12"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

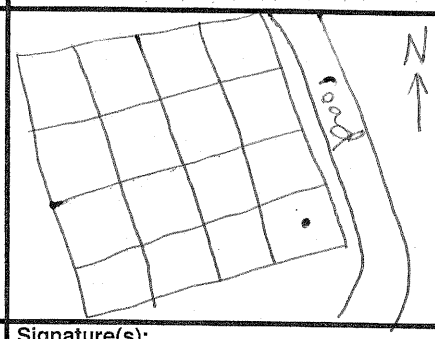
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND				
AUGER				
Monitor Readings				
(Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOC	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bugg

Tetra Tech NUS, Inc.

SOIL & SEDIMENT SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - WATER TOWER SITE
Project No.: CTO 349 - N0693

[X] Surface Soil
[ ] Subsurface Soil
[ ] Sediment
[ ] Other:
[ ] QA Sample Type:

Sample ID No.: C03D-16C-24-0604
Sample Location: C03D-16C-24
Sampled By: GB
C.O.C. No.: #4

Type of Sample:
[X] Low Concentration
[ ] High Concentration

GRAB SAMPLE DATA:

	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Date: 6/7/04 Time: 0955 Method: DPT Monitor Reading (ppm): NA	12-24"	light brown to white	Sand, medium to fine grained well sorted, dry

COMPOSITE SAMPLE DATA:

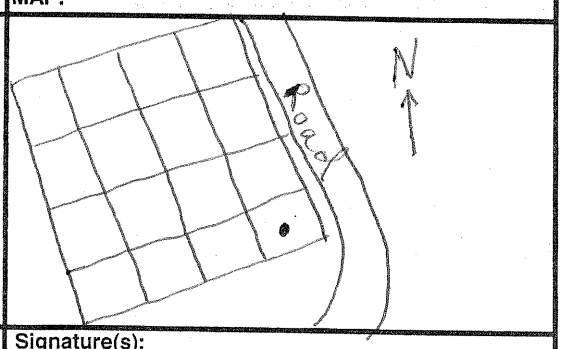
Date:	Soil Boring	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:				
Method: HAND AUGER				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
TAL Metals + Sn, TCL SVOCs	1x 8oz jar	1	

OBSERVATIONS / NOTES:

MAP:



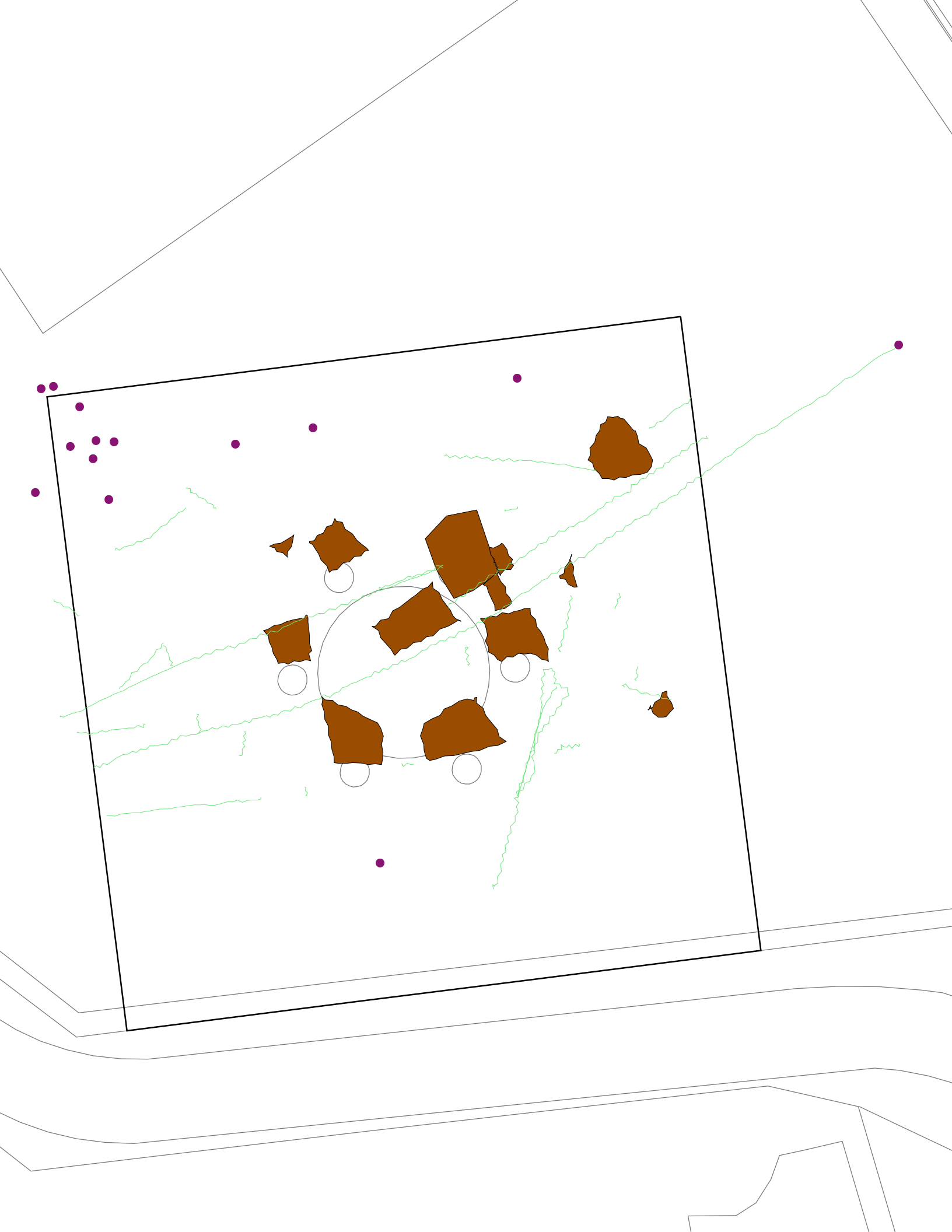
Circle if Applicable:

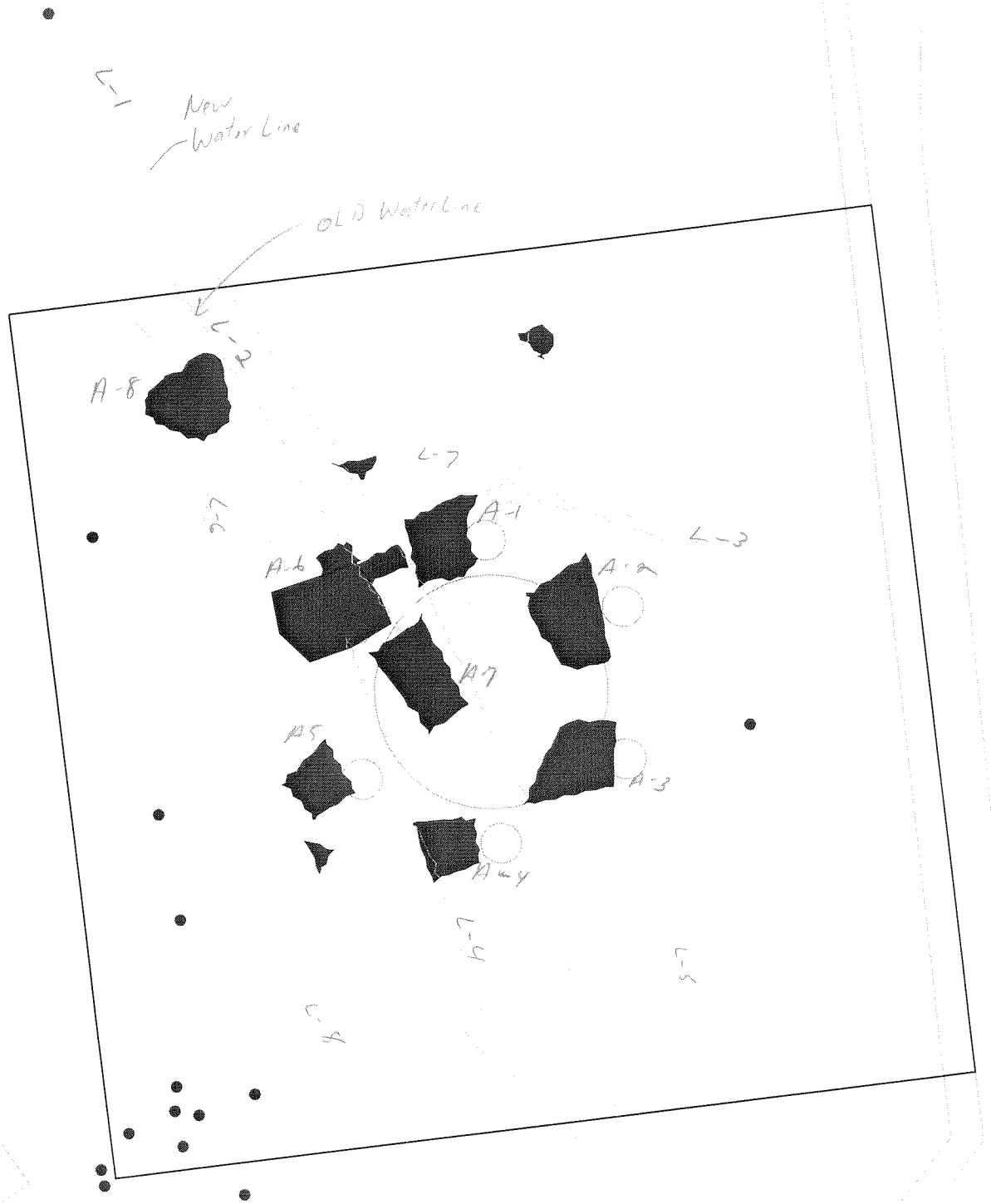
MS/MSD

Duplicate ID No.:

Signature(s): Gary Bergage

APPENDIX B – FIELD DATA SHEETS




New Water Line
OLD Water Line
A-8
A-1
A-2
A-3
A-4
A-5
A-6
A-7
L-1
L-2
L-3
L-4
L-5
L-6
L-7

Standard = -0.00 -0.38 -0.26

Site	Wt (g)	Reading 60uL	Standard
6-6	10.1	-0.67	-0.00
6-12	9.9	-0.60 (tinted)	-0.00
6-24	10.1	-0.70	-0.00
10-6	10.0	-0.70	-0.00
10-12	10.1	-0.70	-0.00
10-24	10.1	-0.65	-0.38
11-6	10	-0.65	-0.38
11-12	10.1	-0.18 (yellow)	-0.38
11-24	9.9	-0.69	-0.38
7-6	9.9	-0.85	-0.26
7-12	9.9	-0.57 (tinted)	-0.26
7-24	10.0	0.07 (yellow)	-0.26

PCB immunoassay
9 Jun 04

INNOV X SYSTEMS XRF # 04995

1112	6/5/04	resol	267	#1
1530	6/5/04	resol	283	#32
0830	6/6/04	resol	262	#2
1350	6/6/04	resol	255	#34
0930	6/7/04	resol	260	#2
1445	6/7/04	resol	258	#48
0900	6/8/04	resol	299	#1
1330	6/8/04	resol	264	#33

SITE	GRID	DEPTH	DATE	TEST #
C03D	01A	06	0604	8
ND / 27/9		12		7
30/9		24		6
57/9	01B	06		11
ND		12		10
ND		24		9
47/9	01C	06		5
ND		12		4
ND		24		3
ND	01D	06		14
ND		12		13
ND		24		12
152/13	01E	06		17
44/9		12		16
ND		24		15
C03D	02A	06		20
280/16 / ND		12		19
ND		24		18
89/10	02B	06		29

SITE	GRID	DEPTH	DATE	TEST #
C03D	02D	06	0604	26
1643/34		12		25
108/11				
58/10		24		24
365/15	02E	06		23
ND		12		22
ND		24		21
C03D	03A	06	0604	37
ND		12		36
ND				
ND		24		35
ND	03B	06		40
ND		12		39
ND		24		38
ND	03C	06		49
ND		12		48
ND		24		47
ND	03D	06		43
ND		12		42
ND		24		41
ND	03E	06		46

SITE	GRID	DEPTH	DATE	TEST #
C03D	04B	06	0604	55
159/11		12		54
ND		24		53
ND	04C	06		64
ND		12		63
ND		24		62
45/9	04D	06		58
ND		12		57
ND		24		56
81/9	04E	06		61
ND		12		60
ND		24		59
C03D	05A	06	0604	3534
ND		12		3433
177/14		24		332
ND				
74/13	05B	06		38
92/13		12		37
85/14		24		36
1035/27	05C	06		47

SITE	GRID	DEPTH	DATE	TEST #
C03D	05E	06	0604	44
4260/63		12		43
1355/31		24		42
ND				
C03D	06A	06	0604	13
653/22		12		12
ND		24		11
ND				
141/13	06B	06		10
ND		12		9
98/14		24		8
507/18	06C	06		16
231/13		12		15
679/23		24		14
1157/26	06D	06		7
584/18		12		6
731/23		24		5
83/11	06E	06		4
104/12		12		3
269/16		24		2
C03D	07A	06	0604	42

SITE	GRID	DEPTH	DATE	TEST #
C03D	07C	06	0604	36
125/12		12		35
481/20				
ND		24		34
329/16	07D	06		48
223/14		12		47
ND		24		46
198/13	07E	06		39
28/9		12		38
80/12		24		37
C03D	08A	06	0604	44
ND		12		43
ND				
ND		24		42
ND	08B	06		41
ND		12		40
ND		24		39
133/11	08C	06		47
ND		12		46
710/21		24		45
ND	08D	06		38

SITE	GRID	DEPTH	DATE	TEST#
C03D	09A	06	0604	19
ND/ND		12		18
ND		24		17
145/11	09B	06		22
ND		12		21
ND		24		20
ND	09C	06		~~25~~.
ND		12		~~24~~.
ND		24		~~23~~.
ND	09D	06		25
ND		12		24
ND		24		23
ND	09E	06		28
ND		12		27
ND		24		26
C03D	10A	06	0604	19
1975/35 74/12		12		18
ND		24		17
569/20	10B	06		22

SITE	GRID	DEPTH	DATE	TEST #
C03D	10D	06	0604	25
261/14		12		24
61/12				
ND		24		23
141/12	10E	06		28
777/24		12		27
ND		24		26
C03D	11A	06	0604	63
334/18		12		62
233/16				
362/18		24		61
91/11	11B	06		60
ND		12		59
ND		24		58
1487/31	11 C	06		51
44/9		12		50
124/11		24		49
89/12	11D	06		57
ND		12		56
ND		24		55
ND	11 E	06		54

SITE	GRID	DEPTH	DATE	TEST#
C03D	12B	06	0604	29
85/10		12		28
ND		24		27
ND	12C	06		32
ND		12		31
79/13		24		30
68/11	12D	06		20
ND		12		19
ND		24	X	18
ND	12E	06		26
ND		12		25
44/9		24		24
C03D	13A	06	0604	16
508/18		12		15
57/12		24		14
ND	13B	06		13
ND		12		12
ND		24		11
58/12	13C	06		~~2~~ 4

SITE	GRID	DEPTH	DATE	TEST #
C03D	13E	06	0604	7
228/13		12		6
ND		24		5
C03D	14A	06	0604	66
ND		12		65
ND		24		64
120/12	14B	06		69
125/12		12		68
173/14		24		67
108/11	14C	06		78
ND		12		77
ND		24		76
182/12	14D	06		72
ND		12		71
ND		24		70
54/10	14E	06		75
ND		12		74
ND		24		73
C03D	15A	06	0604	51

SITE	GRID	DEPTH	DATE	TEST #
C03D	15C	06	0604	63
ND/ND		12		62
ND		24		61
32/9	15D	06		57
ND		12		56
ND		24		55
100/11	15E	06		60
ND		12		59
578/21		24		58
C03D	16A	06	0604	8
70/10/ND		12		7
ND		24		6
ND	16B	06		14
ND		12		13
ND		24		12
ND	16C	06		17
ND		12		16
36/9		24		15
98/10	16D	06		11

Date	Sample ID	Reading	Mode	Pass/Fail	Pass Fail S	Pb	Pb +/-	Ag	Ag +/-	As	As +/-	Ba	Ba +/-	Bi	Bi +/-	Cd	Cd +/-	Co	Co +/-	Cr	Cr +/-	Cu
5-Jun-04	13C-24	2	Soil			<LOD	36.26	126.93	24.87	<LOD	24.97	<LOD		0	NA		<LOD	55.5	<LOD	192.32	<LOD	593.27	<LOD
5-Jun-04	13C-12	3	Soil			<LOD	35.41	89.17	24.69	<LOD	24.47	<LOD		0	NA		<LOD	57.03	<LOD	189.86	<LOD	598.47	<LOD
5-Jun-04	13E-24	5	Soil			<LOD	32.97	<LOD	72.92	<LOD	23.27	<LOD		0	NA		76.62	19.03	<LOD	183.31	757.83	201.32	<LOD
5-Jun-04	13E-12	6	Soil			<LOD	33.43	148.44	25.73	<LOD	23.59	<LOD		0	NA		<LOD	61.93	<LOD	208.42	<LOD	617	<LOD
5-Jun-04	13D-24	8	Soil			<LOD	33.62	<LOD	71.41	<LOD	22.88	<LOD		0	NA		<LOD	53.42	<LOD	178.48	<LOD	553.13	<LOD
5-Jun-04	13D-12	9	Soil			<LOD	32.75	89.82	24.59	<LOD	23.38	<LOD		0	NA		<LOD	57.1	<LOD	187.87	<LOD	602.07	<LOD
5-Jun-04	13D-06	10	Soil			<LOD	35.9	102.85	24.91	<LOD	24.18	<LOD		0	NA		86.13	19.11	<LOD	194.7	<LOD	585.28	<LOD
5-Jun-04	13B-24	11	Soil			<LOD	24.03	86.24	19.65	<LOD	17.04	<LOD		0	NA		<LOD	42.63	<LOD	145.73	<LOD	417.97	<LOD
5-Jun-04	13B-12	12	Soil			<LOD	23.02	87.18	19.64	<LOD	16.67	<LOD		0	NA		<LOD	42.62	<LOD	139.87	<LOD	420.76	<LOD
5-Jun-04	13B-06	13	Soil			<LOD	25.58	102.13	20.45	<LOD	18.61	<LOD		0	NA		<LOD	45.38	<LOD	157.19	<LOD	451.49	<LOD
5-Jun-04	13A-24	14	Soil			<LOD	33.04	93.1	23.46	<LOD	22.51	<LOD		0	NA		<LOD	52.63	<LOD	176.06	<LOD	558.8	149.34
5-Jun-04	9A-24	17	Soil			<LOD	33.84	110.19	24.6	<LOD	23.83	<LOD		0	NA		<LOD	56.81	<LOD	190.28	<LOD	593.06	<LOD
5-Jun-04	9A-12	18	Soil			<LOD	41.32	94.4	30.59	<LOD	29.63	<LOD		0	NA		<LOD	78.28	<LOD	240.21	857.73	260.94	<LOD
5-Jun-04	9A-06	19	Soil			<LOD	36.41	149.74	25.63	<LOD	25.65	<LOD		0	NA		<LOD	58.96	<LOD	190.67	<LOD	629.24	<LOD
5-Jun-04	9B-24	20	Soil			<LOD	24.02	139.74	20.31	<LOD	17.56	<LOD		0	NA		78.1	14.92	<LOD	149.37	<LOD	452.4	<LOD
5-Jun-04	9B-12	21	Soil			<LOD	25.69	116.44	20.51	<LOD	18.47	<LOD		0	NA		<LOD	45.38	<LOD	153.99	621.52	154.61	<LOD
5-Jun-04	9D-24	23	Soil			<LOD	32.97	110.93	23.26	<LOD	23.48	<LOD		0	NA		<LOD	51.8	<LOD	177.44	<LOD	540.07	<LOD
5-Jun-04	9D-12	24	Soil			<LOD	36.91	142.21	26.73	<LOD	25.88	<LOD		0	NA		<LOD	64.49	<LOD	210.2	<LOD	627.45	<LOD
5-Jun-04	9D-06	25	Soil			<LOD	36.24	165.93	25.21	<LOD	24.87	<LOD		0	NA		<LOD	57.04	<LOD	191.96	<LOD	610.09	<LOD
5-Jun-04	9E-24	26	Soil			<LOD	24.47	67.93	19.93	<LOD	17.28	<LOD		0	NA		50.4	14.64	<LOD	146.8	<LOD	441.23	<LOD
5-Jun-04	9E-12	27	Soil			<LOD	23.76	79.38	20.02	<LOD	16.92	<LOD		0	NA		<LOD	44.52	<LOD	145.32	<LOD	442.05	<LOD
5-Jun-04	9E-06	28	Soil			<LOD	25.44	94.64	20.17	<LOD	18.4	<LOD		0	NA		<LOD	44.35	<LOD	148.15	575.57	151.67	<LOD
5-Jun-04	9C-24	29	Soil			<LOD	23.35	120.2	20.04	<LOD	17.52	<LOD		0	NA		<LOD	43.73	164.46	50.86	<LOD	425.85	<LOD
5-Jun-04	9C-12	30	Soil			<LOD	23.81	108.16	19.82	<LOD	16.78	<LOD		0	NA		<LOD	43.16	<LOD	145.36	<LOD	428.81	<LOD
5-Jun-04	9C-06	31	Soil			<LOD	24.1	147.19	20.29	<LOD	17.5	<LOD		0	NA		<LOD	44.61	<LOD	152.66	541.93	149.59	<LOD
5-Jun-04	5A-24	33	Soil			<LOD	35.98	90.64	26.26	33.74	8.85	<LOD		0	NA		<LOD	63.09	<LOD	211.46	<LOD	635.71	<LOD
5-Jun-04	5A-06	35	Soil			<LOD	34.67	122.21	24.1	<LOD	24.94	<LOD		0	NA		<LOD	54.57	<LOD	185.67	<LOD	567.91	<LOD
5-Jun-04	5D-24	39	Soil			<LOD	34.3	122.23	24.73	<LOD	23.8	<LOD		0	NA		<LOD	56.76	<LOD	185.48	<LOD	599.76	<LOD
5-Jun-04	5D-12	40	Soil			<LOD	33.16	98.61	24.67	<LOD	23.17	<LOD		0	NA		<LOD	58.04	<LOD	186.54	<LOD	562.51	<LOD
5-Jun-04	5E-24	42	Soil			<LOD	34.2	139.85	24.41	31.82	8.37	<LOD		0	NA		<LOD	55.97	<LOD	187.07	<LOD	582.17	<LOD
5-Jun-04	5C-24	45	Soil			<LOD	35.69	86.48	25.12	25.79	8.48	<LOD		0	NA		58.16	19.14	<LOD	195	<LOD	625.99	<LOD
5-Jun-04	5C12	46	Soil			<LOD	35.65	79.43	25.45	<LOD	24.96	<LOD		0	NA		<LOD	60.37	<LOD	201.26	<LOD	606.48	<LOD
6-Jun-04		1	Soil			<LOD	0	<LOD	0	<LOD	0	<LOD		0	NA		<LOD	0	<LOD	0	<LOD	0	<LOD
6-Jun-04	1C-24	3	Soil			<LOD	24.72	105.53	19.95	<LOD	17.25	<LOD		0	NA		<LOD	43.4	<LOD	147.15	611.6	149.78	<LOD
6-Jun-04	1C-12	4	Soil			<LOD	24.43	98.57	20	<LOD	17.55	<LOD		0	NA		67.06	14.6	<LOD	144.73	<LOD	432.51	<LOD
6-Jun-04	1A-06	8	Soil			<LOD	25.08	85.91	20.42	<LOD	17.55	<LOD		0	NA		<LOD	45.32	<LOD	155.94	<LOD	456.82	<LOD
6-Jun-04	1B-24	9	Soil			<LOD	24.83	161.79	20.46	<LOD	18.05	<LOD		0	NA		<LOD	44.72	<LOD	148.6	<LOD	432.2	<LOD
6-Jun-04	1B-12	10	Soil			<LOD	24.49	71.98	19.91	<LOD	18.1	<LOD		0	NA		<LOD	43.76	<LOD	150.04	<LOD	428.28	<LOD
6-Jun-04	1D-24	12	Soil			<LOD	32.51	<LOD	71.52	<LOD	22.29	<LOD		0	NA		<LOD	54	<LOD	181.73	<LOD	580.91	<LOD
6-Jun-04	1D-12	13	Soil			<LOD	34.74	99.36	24.04	<LOD	23.86	<LOD		0	NA		<LOD	55.04	<LOD	194.36	<LOD	583.92	<LOD
6-Jun-04	1D-06	14	Soil			<LOD	34.66	120.63	24.66	<LOD	24.01	<LOD		0	NA		<LOD	56.16	<LOD	188.12	677.08	203.21	<LOD
6-Jun-04	1E-24	15	Soil			<LOD	24.55	<LOD	59.92	<LOD	17.63	<LOD		0	NA		<LOD	44.33	<LOD	148.6	<LOD	437.7	<LOD
6-Jun-04	2A-24	18	Soil			<LOD	25.37	106.23	20.04	<LOD	17.29	<LOD		0	NA		<LOD	43.82	<LOD	152.01	622.56	150.97	<LOD
6-Jun-04	2A-12	19	Soil			<LOD	24.02	109.75	20.24	<LOD	17.48	<LOD		0	NA		<LOD	44.46	<LOD	147.57	612.8	152.68	<LOD
6-Jun-04	2E-24	21	Soil			<LOD	24.41	76.79	19.88	<LOD	17.53	<LOD		0	NA		<LOD	43.67	162.49	51.55	444.31	145.34	<LOD
6-Jun-04	2E-12	22	Soil			<LOD	24.71	<LOD	59.65	<LOD	17.85	<LOD		0	NA		<LOD	43.91	<LOD	151.86	658.4	152.65	<LOD
6-Jun-04	2C-24	30	Soil			<LOD	33.13	78.29	24.1	<LOD	23.22	<LOD		0	NA		<LOD	55.75	<LOD	185.36	<LOD	571.81	<LOD
6-Jun-04	2C-12	31	Soil			<LOD	24.75	89.22	19.71	<LOD	17.09	<LOD		0	NA		<LOD	43.17	<LOD	146.8	<LOD	421.61	<LOD
6-Jun-04		33	Soil			<LOD	0	<LOD	0	<LOD	0	<LOD		0	NA		<LOD	0	<LOD	0	<LOD	0	<LOD
6-Jun-04	3A-24	35	Soil			<LOD	25.53	128.71	20.92	<LOD	17.87	<LOD		0	NA		<LOD	46.82	<LOD	154.55	<LOD	447.14	<LOD
6-Jun-04	3A-12	36	Soil			<LOD	25.14	96.3	20.67	<LOD	17.77	<LOD		0	NA		<LOD	46.08	<LOD	154.1	<LOD	450.02	<LOD
6-Jun-04	3A-06	37	Soil			<LOD	26.67	158.67	21.09	<LOD	18.69	<LOD		0	NA		58.82	15.78	172.68	55.33	629.09	160.8	<LOD
6-Jun-04	3B-24	38	Soil			<LOD	24.15	94.44	20.16	<LOD	17.41	<LOD		0	NA		<LOD	44.46	<LOD	143.54	<LOD	430.67	<LOD
6-Jun-04	3B-12	39	Soil			<LOD	25.05	122.44	20.39	<LOD	17.76	<LOD		0	NA		50.26	15.1	<LOD	156.28	572.81	153.57	<LOD
6-Jun-04	3B-06	40	Soil			<LOD	25.06	127.02	20.69	<LOD	17.95	<LOD		0	NA		<LOD	45.82	<LOD	154.71	<LOD	447.35	<LOD
6-Jun-04	3D-24	41	Soil			<LOD	23.87	93.72	19.94	<LOD	17.61	<LOD		0	NA		<LOD	43.74	<LOD	149.94	<LOD	440.59	<LOD
6-Jun-04	3D-12	42	Soil			<LOD	24.93	104.8	20.39	<LOD	17.84	<LOD		0	NA		45.9	15.01	<LOD	150.69	<LOD	454.23	<LOD
6-Jun-04	3D-06	43	Soil			<LOD	24.49	108.37	20.2	<LOD	17.71	<LOD		0	NA		<LOD	44.84	<LOD	148.53	<LOD	445.41	<LOD
6-Jun-04	3E-24	44	Soil			<LOD	25.15	106.45	20.49	<LOD	17.52	<LOD		0	NA		<LOD	45.41	<LOD	153.16	487.31	152.52	<LOD
6-Jun-04	3E-12	45	Soil			<LOD	23.81	85.54	20.03	<LOD	17.26	<LOD		0	NA		<LOD	44.05	<LOD	152.2	<LOD	435.66	<LOD
6-Jun-04	3E-06	46	Soil			<LOD	26.18	136.89	21.01	<LOD	18.18	<LOD		0	NA		<LOD	46.99	<LOD	154.74	<LOD	459.99	<LOD
6-Jun-04	3C-24	47	Soil			<LOD	24.37	124.16	20.23	<LOD	17.42	<LOD		0	NA		<LOD	44.18	<LOD	150.85	<LOD	432.67	<LOD
6-Jun-04	3C-12	48	Soil			<LOD	25.58	130.76	20.37	<LOD	18.01	<LOD		0	NA		<LOD	44.41	<LOD	145.47	<LOD	443.66	<LOD
6-Jun-04	3C-06	49	Soil			<LOD	25.31	143.6	20.76	<LOD	17.97	<LOD		0	NA		<LOD	46.21	<LOD	155.27	<LOD	452.68	<LOD
6-Jun-04	4A-24	50	Soil			<LOD	23.47	79.84	19.97	<LOD	17.08	<LOD		0	NA		<LOD	44.07	<LOD	144.89	<LOD	438.2	<LOD

Date	Sample ID	Reading	Mode	Pass/Fail	Pass Fail S	Pb	Pb +/-	Ag	Ag +/-	As	As +/-	Ba	Ba +/-	Bi	Bi +/-	Cd	Cd +/-	Co	Co +/-	Cr	Cr +/-	Cu
6-Jun-04	4A-12	51	Soil			<LOD	24.57	120.75	20.14	<LOD	17.64	<LOD		0	NA	<LOD	44.45	<LOD	151.3	736.59	154.37	<LOD
6-Jun-04	4A-06	52	Soil			<LOD	25.58	154.43	20.64	<LOD	18.55	<LOD		0	NA	<LOD	45.94	<LOD	152.11	<LOD	445.42	<LOD
6-Jun-04	4B-24	53	Soil			<LOD	23.68	111.18	20.13	<LOD	16.82	<LOD		0	NA	<LOD	44.18	<LOD	145.97	<LOD	438.27	<LOD
6-Jun-04	4B-12	54	Soil			<LOD	24.46	144.34	20.39	<LOD	17.55	<LOD		0	NA	<LOD	44.96	<LOD	154.41	676.36	154.93	<LOD
6-Jun-04	4D-24	56	Soil			<LOD	23.26	92.12	19.67	<LOD	17.5	<LOD		0	NA	<LOD	42.62	<LOD	143.09	483.55	145.77	<LOD
6-Jun-04	4D-12	57	Soil			<LOD	25.5	85.02	20.09	<LOD	18.07	<LOD		0	NA	<LOD	44.27	<LOD	147.29	<LOD	432.96	<LOD
6-Jun-04	4E-24	59	Soil			<LOD	23.54	109.59	19.7	<LOD	16.62	<LOD		0	NA	<LOD	42.95	<LOD	144.74	<LOD	431.15	<LOD
6-Jun-04	4E-12	60	Soil			<LOD	24.12	110.78	20.08	<LOD	17.57	<LOD		0	NA	68.4	14.66	<LOD	146.17	<LOD	439.92	<LOD
6-Jun-04	4C-24	62	Soil			<LOD	24.03	115.61	20.4	<LOD	17.26	<LOD		0	NA	<LOD	45.25	<LOD	145.57	651.26	155.64	<LOD
6-Jun-04	4C-12	63	Soil			<LOD	23.74	101.06	20.11	<LOD	17.44	<LOD		0	NA	<LOD	44.66	<LOD	148.22	<LOD	441.44	<LOD
6-Jun-04	4C-06	64	Soil			<LOD	24.99	104.1	20.45	<LOD	17.49	<LOD		0	NA	<LOD	45.71	<LOD	152.46	550.69	153.85	<LOD
7-Jun-04		1	Soil			<LOD	0	<LOD	0	<LOD	0	<LOD		0	NA	<LOD	0	<LOD	0	<LOD	0	<LOD
7-Jun-04	16E-24	3	Soil			<LOD	27.65	127.14	21.82	<LOD	19.63	<LOD		0	NA	<LOD	49.73	<LOD	165.66	678.75	171.05	<LOD
7-Jun-04	16E-12	4	Soil			<LOD	24.64	127.87	20.67	<LOD	18.29	<LOD		0	NA	70.32	15.3	<LOD	157.63	<LOD	441.82	<LOD
7-Jun-04	16E-06	5	Soil			<LOD	25.55	64.17	20.09	<LOD	17.86	<LOD		0	NA	<LOD	44.7	164.11	52.05	564.51	152.21	<LOD
7-Jun-04	16A-24	6	Soil			<LOD	23.62	85.36	20.91	<LOD	17.76	<LOD		0	NA	<LOD	47.37	<LOD	158.39	<LOD	457.89	<LOD
7-Jun-04	16A-12	7	Soil			<LOD	25.74	146.55	20.85	<LOD	18.31	<LOD		0	NA	<LOD	46.23	<LOD	157.94	<LOD	456.94	<LOD
7-Jun-04	16D-24	9	Soil			<LOD	25.9	89.85	20.6	<LOD	18.1	<LOD		0	NA	<LOD	46.28	<LOD	155.71	<LOD	455.18	<LOD
7-Jun-04	16D-12	10	Soil			<LOD	25.73	135.14	20.86	<LOD	18.28	<LOD		0	NA	<LOD	46.44	<LOD	155.89	472.86	154.18	<LOD
7-Jun-04	16B-24	12	Soil			<LOD	25.04	128.68	20.59	<LOD	17.83	<LOD		0	NA	<LOD	45.66	<LOD	156.4	513.6	152.99	<LOD
7-Jun-04	16B-12	13	Soil			<LOD	25.88	98.33	20.47	<LOD	18.17	<LOD		0	NA	<LOD	45.59	<LOD	152.26	527.31	154.15	<LOD
7-Jun-04	16B-06	14	Soil			<LOD	25.59	88.25	20	<LOD	17.93	<LOD		0	NA	<LOD	44.1	<LOD	150.65	<LOD	429.76	<LOD
7-Jun-04	16C-12	16	Soil			<LOD	25.02	107.44	19.98	<LOD	16.97	<LOD		0	NA	<LOD	43.87	<LOD	141.64	<LOD	440.31	<LOD
7-Jun-04	16C-06	17	Soil			<LOD	24.26	104.7	20.1	<LOD	17.38	<LOD		0	NA	<LOD	44.1	<LOD	146.32	<LOD	439.12	<LOD
7-Jun-04	12D-24	18	Soil			<LOD	31.98	<LOD	66.93	<LOD	21.8	<LOD		0	NA	<LOD	49.31	<LOD	169.2	<LOD	517.83	<LOD
7-Jun-04	12D-12	19	Soil			<LOD	25.36	98.95	20.12	<LOD	17.82	<LOD		0	NA	92.95	14.91	<LOD	149.45	<LOD	446.95	<LOD
7-Jun-04	12A-24	21	Soil			<LOD	33.9	<LOD	70.98	<LOD	23.95	<LOD		0	NA	<LOD	54.97	<LOD	187.67	<LOD	557.61	<LOD
7-Jun-04	12A-12	22	Soil			<LOD	24.45	96.56	20.02	<LOD	17.21	<LOD		0	NA	<LOD	44.43	<LOD	152.1	700.7	152.83	<LOD
7-Jun-04	12E-12	25	Soil			<LOD	24.71	108.21	20.42	<LOD	17.84	<LOD		0	NA	<LOD	45.13	<LOD	154.01	<LOD	452.02	<LOD
7-Jun-04	12E-06	26	Soil			<LOD	26.48	102.4	20.61	<LOD	18.81	<LOD		0	NA	<LOD	45.97	<LOD	155.01	551.38	154.67	<LOD
7-Jun-04	12B-24	27	Soil			<LOD	35.43	75.34	25.11	<LOD	24.5	<LOD		0	NA	<LOD	57.92	<LOD	200.42	<LOD	612.04	217.94
7-Jun-04	12B-12	28	Soil			<LOD	25.22	<LOD	59.42	<LOD	17.77	<LOD		0	NA	<LOD	44.13	<LOD	153.66	<LOD	441.55	<LOD
7-Jun-04	12C-12	31	Soil			<LOD	24.31	102.96	20.13	<LOD	17.08	<LOD		0	NA	<LOD	44.1	<LOD	146.4	<LOD	429.61	<LOD
7-Jun-04	12C-06	32	Soil			<LOD	25.34	125.65	20.26	<LOD	17.57	<LOD		0	NA	<LOD	44.25	<LOD	152.57	<LOD	440.3	<LOD
7-Jun-04	8E-12	34	Soil			<LOD	24.45	72.87	20.01	<LOD	18.24	<LOD		0	NA	<LOD	44.22	<LOD	153.89	446.69	148.2	<LOD
7-Jun-04	8E-06	35	Soil			<LOD	25.39	120.64	20.39	<LOD	17.39	<LOD		0	NA	<LOD	44.99	<LOD	155.63	554.57	152.13	<LOD
7-Jun-04	8D-12	37	Soil			<LOD	25.04	92.92	20.24	<LOD	17.45	<LOD		0	NA	<LOD	44.64	<LOD	151.67	<LOD	448.5	<LOD
7-Jun-04	8D-06	38	Soil			<LOD	25.25	95.33	19.91	<LOD	18.26	<LOD		0	NA	<LOD	44.01	<LOD	146.45	<LOD	437.51	<LOD
7-Jun-04	8B-24	39	Soil			<LOD	25.48	121.21	20.56	<LOD	17.79	<LOD		0	NA	<LOD	45.54	<LOD	154.2	<LOD	451.37	<LOD
7-Jun-04	8B-12	40	Soil			<LOD	25.9	79.83	21.78	<LOD	19.11	<LOD		0	NA	<LOD	51.02	<LOD	166.18	<LOD	484.5	<LOD
7-Jun-04	8B-06	41	Soil			<LOD	31.83	<LOD	67.73	<LOD	21.92	<LOD		0	NA	<LOD	50.36	<LOD	173.88	<LOD	526.67	<LOD
7-Jun-04	8A-24	42	Soil			<LOD	31.65	<LOD	69.64	<LOD	22.58	<LOD		0	NA	<LOD	52.77	<LOD	180.51	<LOD	553.23	<LOD
7-Jun-04	8A-12	43	Soil			<LOD	24.82	<LOD	60.81	<LOD	17.49	<LOD		0	NA	<LOD	45.37	<LOD	151.98	<LOD	445.05	<LOD
7-Jun-04	8A-06	44	Soil			<LOD	25.91	109.67	20.49	<LOD	18.04	<LOD		0	NA	<LOD	45.35	200.21	52.93	<LOD	452.58	<LOD
7-Jun-04	8C-12	46	Soil			<LOD	23.64	84.56	20.28	<LOD	17.35	<LOD		0	NA	<LOD	44.77	189.87	52.51	494.06	151.38	<LOD
7-Jun-04	15A-24	49	Soil			<LOD	25.04	103.34	20.85	<LOD	18.62	<LOD		0	NA	<LOD	46.73	<LOD	155.4	687.95	160.32	<LOD
7-Jun-04	15A-12	50	Soil			<LOD	28.46	124.32	21.85	<LOD	19.76	<LOD		0	NA	56.16	16.48	<LOD	168.77	<LOD	490.78	<LOD
7-Jun-04	15B-24	52	Soil			<LOD	23.28	90.37	19.68	<LOD	16.81	<LOD		0	NA	<LOD	42.66	<LOD	144.28	512.77	146.46	<LOD
7-Jun-04	15B-12	53	Soil			<LOD	23.62	130.62	19.97	<LOD	16.65	<LOD		0	NA	<LOD	43.7	<LOD	148.72	632.98	151.3	<LOD
7-Jun-04	15B-06	54	Soil			<LOD	25.5	129.77	20.77	<LOD	17.75	<LOD		0	NA	<LOD	46.05	<LOD	150.04	<LOD	462.08	<LOD
7-Jun-04	15D-24	55	Soil			<LOD	24.82	75.25	19.61	<LOD	17.02	<LOD		0	NA	<LOD	42.46	<LOD	145.15	530.3	147.15	<LOD
7-Jun-04	15D-12	56	Soil			<LOD	24.61	107.36	20.07	<LOD	17.44	<LOD		0	NA	<LOD	43.99	<LOD	145.13	<LOD	445.4	<LOD
7-Jun-04	15E-12	59	Soil			<LOD	25.28	106.08	20.76	<LOD	17.93	<LOD		0	NA	47.28	15.48	<LOD	160.1	495.99	156.5	<LOD
7-Jun-04	15C-24	61	Soil			<LOD	33.52	95.37	22.94	<LOD	22.46	<LOD		0	NA	<LOD	50.43	<LOD	171.61	<LOD	519.93	171.87
7-Jun-04	15C-12	62	Soil			<LOD	24.74	105.48	20.21	<LOD	17.95	<LOD		0	NA	<LOD	44.45	<LOD	147.99	<LOD	448.41	<LOD
7-Jun-04	15C-06	63	Soil			<LOD	24.92	103.78	21.04	<LOD	18.04	<LOD		0	NA	55.37	15.78	<LOD	157.22	<LOD	461.91	<LOD
7-Jun-04	14A-24	64	Soil			<LOD	30.17	82.5	21.75	<LOD	20.64	<LOD		0	NA	<LOD	47.51	<LOD	161.41	<LOD	501.38	<LOD
7-Jun-04	14A-12	65	Soil			<LOD	23.61	90.2	20.27	<LOD	17.07	<LOD		0	NA	<LOD	44.8	<LOD	151.51	527.32	152.54	<LOD
7-Jun-04	14A-06	66	Soil			<LOD	25.33	142.62	20.9	<LOD	17.77	<LOD		0	NA	50.69	15.5	<LOD	156.46	<LOD	458.98	<LOD
7-Jun-04	14D-24	70	Soil			<LOD	25.63	100.09	20.6	<LOD	18.38	<LOD		0	NA	<LOD	45.85	<LOD	151.24	<LOD	461.74	<LOD
7-Jun-04	14D-12	71	Soil			<LOD	25.51	100.93	20.76	<LOD	18.31	<LOD		0	NA	<LOD	46.45	<LOD	155.41	558.4	157.11	<LOD
7-Jun-04	14E-24	73	Soil			<LOD	26.06	87.92	21.28	<LOD	18.52	<LOD		0	NA	<LOD	49.06	<LOD	158.39	658.36	163.68	<LOD
7-Jun-04	14E-12	74	Soil			<LOD	24.85	98.93	20.39	<LOD	17.96	<LOD		0	NA	<LOD	45.19	<LOD	152.04	795.26	157.55	<LOD
7-Jun-04	14C-24	76	Soil			<LOD	23.74	127.9	20.21	<LOD	16.99	<LOD		0	NA	<LOD	44.19	<LOD	150.46	<LOD	437.81	<LOD
7-Jun-04	14C-12	77	Soil			<LOD	24.09	86.17	20.09	<LOD	17.05	<LOD		0	NA	<LOD	44.59	<LOD	146.76	624.44	151.73	<LOD

Date	Sample ID	Reading	Mode	Pass/Fail	Pass Fail S	Pb	Pb +/-	Ag	Ag +/-	As	As +/-	Ba	Ba +/-	Bi	Bi +/-	Cd	Cd +/-	Co	Co +/-	Cr	Cr +/-	Cu
8-Jun-04	6B-12	9	Soil			<LOD	26.77	113.18	21.02	<LOD	18.92	<LOD		0	NA	<LOD	47.19	<LOD	160.63	<LOD	466.04	<LOD
8-Jun-04	6A-24	11	Soil			<LOD	33.97	73.17	24.04	<LOD	23.81	<LOD		0	NA	63.11	18.28	<LOD	194.62	<LOD	573.42	<LOD
8-Jun-04	6A-12	12	Soil			<LOD	34.77	<LOD	73.73	<LOD	23.72	<LOD		0	NA	<LOD	57.85	<LOD	196.15	<LOD	584.68	<LOD
8-Jun-04	10A-24	17	Soil			<LOD	33.35	<LOD	69.13	<LOD	23.74	<LOD		0	NA	<LOD	52.77	<LOD	179.9	<LOD	540.71	<LOD
8-Jun-04	10B-24	20	Soil			<LOD	34.51	<LOD	76.17	<LOD	24.17	<LOD		0	NA	<LOD	60.91	<LOD	206.15	<LOD	602.44	<LOD
8-Jun-04	10B-12	21	Soil			<LOD	34.83	<LOD	70.92	25.74	8.26	<LOD		0	NA	<LOD	53.49	<LOD	189.67	<LOD	568.64	<LOD
8-Jun-04	10D-24	23	Soil			<LOD	36.16	<LOD	74.86	<LOD	24.97	<LOD		0	NA	<LOD	59.23	<LOD	205.3	<LOD	605.16	<LOD
8-Jun-04	10E-24	26	Soil			<LOD	29.99	<LOD	65.4	<LOD	20.52	<LOD		0	NA	<LOD	48.55	<LOD	160.14	<LOD	500.65	<LOD
8-Jun-04	10C-24	29	Soil			<LOD	34.63	<LOD	75.99	<LOD	23.9	<LOD		0	NA	<LOD	60.85	<LOD	197.24	<LOD	576.64	<LOD
8-Jun-04	10C-12	30	Soil			<LOD	35.5	<LOD	75.36	<LOD	24.8	<LOD		0	NA	<LOD	58.54	<LOD	189.67	<LOD	622.42	<LOD
8-Jun-04		32	Soil			<LOD	0	<LOD	0	<LOD	0	<LOD		0	NA	<LOD	0	<LOD	0	<LOD	0	<LOD
8-Jun-04	7C-24	34	Soil			<LOD	26.11	137.54	21.06	<LOD	17.9	<LOD		0	NA	<LOD	47.04	<LOD	155.46	543.08	158.42	<LOD
8-Jun-04	7A-24	40	Soil			<LOD	36.88	<LOD	75.06	<LOD	24.65	<LOD		0	NA	<LOD	57.17	<LOD	202.01	<LOD	612.87	123.94
8-Jun-04	7A-12	41	Soil			<LOD	25.93	109.81	21.06	<LOD	18.26	<LOD		0	NA	<LOD	47.23	<LOD	162.6	<LOD	462.68	<LOD
8-Jun-04	7B-24	43	Soil			<LOD	26.84	<LOD	66.77	<LOD	19.69	<LOD		0	NA	<LOD	52.49	<LOD	171.44	630.28	173	<LOD
8-Jun-04	7B-12	44	Soil			<LOD	25.21	128.02	21.62	<LOD	18.45	<LOD		0	NA	<LOD	49.58	<LOD	164.26	<LOD	476.33	<LOD
8-Jun-04	7D-24	46	Soil			<LOD	37.46	90.36	25.63	<LOD	25.57	<LOD		0	NA	62.99	20.03	<LOD	197.6	<LOD	623.12	156.23
8-Jun-04	11E-24	52	Soil			<LOD	26.06	112.56	21.4	<LOD	17.94	<LOD		0	NA	<LOD	48.89	<LOD	161.01	524.4	162.69	<LOD
8-Jun-04	11E-12	53	Soil			<LOD	27.01	82.02	21.76	<LOD	19.23	<LOD		0	NA	<LOD	50.6	<LOD	168.91	762.94	172	<LOD
8-Jun-04	11E-06	54	Soil			<LOD	25.81	95.91	20.67	<LOD	18.65	<LOD		0	NA	<LOD	46.02	<LOD	152.4	<LOD	450.54	<LOD
8-Jun-04	11D-24	55	Soil			<LOD	26.36	84.06	21.3	<LOD	18.84	<LOD		0	NA	<LOD	48.76	<LOD	158.1	<LOD	471.92	<LOD
8-Jun-04	11D-12	56	Soil			<LOD	24.48	154.49	20.66	<LOD	17.86	<LOD		0	NA	60.91	15.21	<LOD	151.52	489.12	152.63	<LOD
8-Jun-04	11B-24	58	Soil			<LOD	25.09	111.69	20.84	<LOD	18.35	<LOD		0	NA	67.57	15.56	<LOD	154.42	<LOD	465.89	<LOD
8-Jun-04	11B-12	59	Soil			<LOD	25.93	142.71	21.16	<LOD	18.42	<LOD		0	NA	<LOD	47.36	<LOD	154.45	481.56	158.61	<LOD
5-Jun-04	5E06	44	Soil			4259.89	62.67	<LOD	69.65	381.53	33.3	<LOD		0	NA	<LOD	51.77	<LOD	242.14	<LOD	532.59	336.79
8-Jun-04	10A-06	19	Soil			1975.04	35.39	<LOD	64.19	75.96	21.08	<LOD		0	NA	<LOD	47.29	<LOD	203.43	<LOD	490.59	129.79
7-Jun-04	8D-24	36	Soil			1725.68	33.17	81.37	21.99	<LOD	60.03	<LOD		0	NA	<LOD	48.87	<LOD	209.46	663.24	174.04	260.32
6-Jun-04	2D-06	26	Soil			1642.67	33.86	<LOD	69.95	<LOD	60.24	<LOD		0	NA	<LOD	53.06	<LOD	302.54	673.19	193.03	<LOD
8-Jun-04	11C-06	51	Soil			1486.55	31.08	89.48	22.64	<LOD	56.93	<LOD		0	NA	<LOD	51.33	<LOD	217.6	<LOD	532.79	181.19
5-Jun-04	5E12	43	Soil			1355.11	31.46	<LOD	71.96	169.39	20.49	<LOD		0	NA	92.49	18.25	<LOD	204.13	<LOD	577.85	124.72
8-Jun-04	6D-06	7	Soil			1156.71	26.08	<LOD	64.25	77.99	16.81	<LOD		0	NA	<LOD	47.82	<LOD	195.47	<LOD	464.09	<LOD
5-Jun-04	5C-06	47	Soil			1035.4	27.44	112.78	24.25	67.37	17.76	<LOD		0	NA	<LOD	55.02	<LOD	219.17	<LOD	579.89	180.22
6-Jun-04	2B-12	28	Soil			788.98	22.16	71.84	22.05	<LOD	42.64	<LOD		0	NA	<LOD	49.41	<LOD	212.71	<LOD	507.04	500.4
8-Jun-04	10E-12	27	Soil			776.81	24.4	<LOD	73.34	<LOD	47.56	<LOD		0	NA	<LOD	56.41	<LOD	197.2	<LOD	597.17	<LOD
8-Jun-04	6D-24	5	Soil			731.42	22.55	<LOD	68.56	<LOD	44.06	<LOD		0	NA	83.98	17.06	<LOD	182.32	<LOD	524.05	<LOD
7-Jun-04	8C-24	45	Soil			710.13	20.79	<LOD	65.15	<LOD	39.31	<LOD		0	NA	<LOD	49.29	<LOD	190.81	<LOD	493.79	152.78
8-Jun-04	6C-24	14	Soil			678.76	22.57	<LOD	71.55	45.4	15.03	<LOD		0	NA	<LOD	55.4	<LOD	206.79	<LOD	567.53	<LOD
8-Jun-04	6A-06	13	Soil			653.03	22.22	<LOD	71.82	<LOD	44.21	<LOD		0	NA	<LOD	55.06	<LOD	209.47	<LOD	574.12	141.26
8-Jun-04	6D-12	6	Soil			584.14	18.15	<LOD	61.53	<LOD	35.54	<LOD		0	NA	48.81	15.16	<LOD	182.92	<LOD	449.06	145.97
7-Jun-04	15E-24	58	Soil			577.63	21.03	110.58	24.45	64.48	14.44	<LOD		0	NA	<LOD	57.25	<LOD	204.99	<LOD	579.23	<LOD
8-Jun-04	10B-06	22	Soil			569.2	19.69	<LOD	66.87	48.53	13.35	<LOD		0	NA	56.15	16.79	<LOD	217.25	<LOD	533.23	110.77
5-Jun-04	13A-06	16	Soil			508.49	17.71	125.78	21.74	<LOD	35.67	<LOD		0	NA	<LOD	48.7	<LOD	170.61	680.66	169.75	<LOD
8-Jun-04	6C-06	16	Soil			507.17	17.51	126.18	21.51	<LOD	34.54	<LOD		0	NA	<LOD	47.91	278.25	69.49	<LOD	469.87	<LOD
8-Jun-04	7C-12	35	Soil			481.16	19.52	94.9	24.58	<LOD	38.33	<LOD		0	NA	<LOD	58.87	<LOD	207.25	893.25	203.87	230.28
6-Jun-04	2E-06	23	Soil			364.62	15.39	77.25	21.26	<LOD	30.83	<LOD		0	NA	<LOD	47.54	<LOD	181.88	554.07	162.35	<LOD
8-Jun-04	11A-24	61	Soil			362.13	17.79	<LOD	71.4	46.4	12.37	<LOD		0	NA	<LOD	53.99	<LOD	201.69	<LOD	577.11	201.83
8-Jun-04	11A-06	63	Soil			333.74	17.87	90.56	24.68	<LOD	36.17	<LOD		0	NA	<LOD	56.64	<LOD	245.65	<LOD	590.24	243.19
8-Jun-04	7D-06	48	Soil			328.8	16.42	119.31	23.49	<LOD	34	<LOD		0	NA	<LOD	53.95	<LOD	258.04	<LOD	538.64	180.43
8-Jun-04	7B-06	45	Soil			310.69	14.52	116.94	21.44	<LOD	29.36	<LOD		0	NA	<LOD	48.41	180.71	57.39	519.26	164.48	<LOD
6-Jun-04	2A-06	20	Soil			279.95	15.6	95.91	23.08	<LOD	31.93	<LOD		0	NA	<LOD	52.48	<LOD	186.38	<LOD	546.03	134.36
8-Jun-04	6E-24	2	Soil			269.18	15.65	<LOD	68.85	<LOD	31.81	<LOD		0	NA	<LOD	51.76	<LOD	202.78	715.5	187.79	<LOD
8-Jun-04	10D-06	25	Soil			261.4	14.44	<LOD	65.55	31.37	10.13	<LOD		0	NA	<LOD	49.34	<LOD	181.67	528.55	169.07	<LOD
7-Jun-04	15A-06	51	Soil			239.75	13.48	157.35	21.67	<LOD	27.03	<LOD		0	NA	<LOD	48.31	<LOD	193.76	612.39	167.3	<LOD
8-Jun-04	11A-12	62	Soil			233.16	15.83	<LOD	72.36	<LOD	32.68	<LOD		0	NA	<LOD	54.96	<LOD	209.51	<LOD	575.19	<LOD
8-Jun-04	6C-12	15	Soil			231.25	13.44	<LOD	64.62	<LOD	28.23	<LOD		0	NA	<LOD	49.74	<LOD	188.26	<LOD	480.56	<LOD
5-Jun-04	13E-06	7	Soil			227.94	12.82	87.58	20.82	<LOD	26.17	<LOD		0	NA	<LOD	46.42	<LOD	184.41	520.13	156.97	116.19
8-Jun-04	7D-12	47	Soil			223.49	13.91	102.47	22.38	<LOD	28.8	<LOD		0	NA	<LOD	50.57	<LOD	181.34	<LOD	516.67	142.8
8-Jun-04	7E-06	39	Soil			197.52	13.12	121.77	22.3	<LOD	26.14	<LOD		0	NA	<LOD	50.85	<LOD	178.48	<LOD	512	<LOD
7-Jun-04	8E-24	33	Soil			193.44	12.09	77.42	20.37	<LOD	25.02	<LOD		0	NA	47.82	15.04	<LOD	164.37	547.61	153.22	<LOD
8-Jun-04	10C-06	31	Soil			190.67	14.91	<LOD	72.79	<LOD	31.09	<LOD		0	NA	<LOD	57.35	<LOD	205.94	<LOD	579.67	<LOD
7-Jun-04	14D-06	72	Soil			182.13	12.31	136.67	21.35	<LOD	25.67	<LOD		0	NA	<LOD	47.69	<LOD	168.43	<LOD	472.32	<LOD
5-Jun-04	5A-12	34	Soil			176.74	14.25	135.53	23.92	36.64	10.22	<LOD		0	NA	<LOD	54.46	<LOD	202.09	<LOD	570.65	<LOD
7-Jun-04	14B-24	67	Soil			172.76	13.62	135.13	22.94	<LOD	27.38	<LOD		0	NA	<LOD	50.92	<LOD	180.7	<LOD	542.58	<LOD
6-Jun-04	4B-06	55	Soil			158.64	11.34	62.85	20.35	<LOD	23.31	<LOD		0	NA	<LOD	45.18	<LOD	155.16	479.01	151.92	<LOD
6-Jun-04	1E-06	17	Soil			152.17	12.6	148.28	22.36	<LOD	26.79	<LOD		0	NA	<LOD	50.12	<LOD	177.61	<LOD	493.6	109.24

Date	Sample ID	Reading	Mode	Pass/Fail	Pass Fail S	Pb	Pb +/-	Ag	Ag +/-	As	As +/-	Ba	Ba +/-	Bi	Bi +/-	Cd	Cd +/-	Co	Co +/-	Cr	Cr +/-	Cu
5-Jun-04	9B-06	22	Soil			145.42	11.24	137.14	20.78	<LOD	23.6	<LOD		0	NA	<LOD	45.94	<LOD	165.1	<LOD	465.3	<LOD
8-Jun-04	10E-06	28	Soil			141.37	11.66	89.43	21.2	<LOD	24.94	<LOD		0	NA	<LOD	47.31	<LOD	165.44	<LOD	478.25	<LOD
8-Jun-04	6B-06	10	Soil			141.06	12.58	67.16	22.15	<LOD	26.32	<LOD		0	NA	<LOD	49.5	<LOD	186.01	<LOD	494.67	<LOD
7-Jun-04	8C-06	47	Soil			133.31	11.1	64.58	20.66	<LOD	22.39	<LOD		0	NA	<LOD	46.29	<LOD	194.94	474.46	157.1	<LOD
8-Jun-04	7C-06	36	Soil			125.32	12.38	141.15	23.11	<LOD	25.36	<LOD		0	NA	<LOD	53.01	<LOD	185.28	<LOD	535.62	136.03
7-Jun-04	14B-12	68	Soil			124.51	11.75	100.63	21.77	<LOD	24.67	<LOD		0	NA	<LOD	48.74	<LOD	162.91	<LOD	482.88	<LOD
8-Jun-04	11C-24	49	Soil			124.35	10.51	79.09	20.05	<LOD	22.72	<LOD		0	NA	<LOD	44.22	<LOD	152.85	<LOD	434.63	<LOD
6-Jun-04	2B-24	27	Soil			120.99	10.67	69.59	20.26	25.05	7.76	<LOD		0	NA	<LOD	44.48	<LOD	156.1	<LOD	448.29	<LOD
7-Jun-04	14B-06	69	Soil			120.33	11.9	99.62	22.11	<LOD	25.07	<LOD		0	NA	<LOD	50.41	<LOD	166.13	582.31	173.2	<LOD
6-Jun-04	2D-12	25	Soil			108.28	10.58	100.76	20.62	<LOD	21.56	<LOD		0	NA	<LOD	45.33	<LOD	166.41	598.35	157.3	<LOD
7-Jun-04	14C-06	78	Soil			107.6	10.87	120.54	21.16	<LOD	22.95	<LOD		0	NA	48.66	15.72	<LOD	163.24	<LOD	466.31	<LOD
5-Jun-04	5D-06	41	Soil			107.59	14.04	100.87	24.9	<LOD	29.55	<LOD		0	NA	<LOD	57.27	<LOD	199.93	<LOD	602.06	<LOD
8-Jun-04	6E-12	3	Soil			104.08	11.64	<LOD	64.03	<LOD	24.5	<LOD		0	NA	72.75	15.59	<LOD	196.48	<LOD	484.01	100.66
7-Jun-04	15E-06	60	Soil			100.27	10.63	104.9	21.01	<LOD	21.67	<LOD		0	NA	<LOD	46.88	<LOD	163.03	<LOD	472.24	<LOD
8-Jun-04	6B-24	8	Soil			98.38	13.72	<LOD	73.7	<LOD	28.21	<LOD		0	NA	<LOD	57.84	<LOD	222.25	<LOD	586.4	<LOD
7-Jun-04	16D-06	11	Soil			97.66	10.27	90.21	20.4	<LOD	22.13	<LOD		0	NA	<LOD	45.19	<LOD	154.81	<LOD	443.96	<LOD
5-Jun-04	5B-12	37	Soil			91.66	13.14	85.04	24.19	<LOD	26.91	<LOD		0	NA	<LOD	55.79	<LOD	213.44	<LOD	571.07	<LOD
8-Jun-04	11B-06	60	Soil			91.22	10.56	124.02	21.32	<LOD	22.25	<LOD		0	NA	<LOD	47.58	<LOD	164.66	<LOD	476.06	<LOD
8-Jun-04	11D-06	57	Soil			89.21	11.82	101.49	22.7	<LOD	25.04	<LOD		0	NA	<LOD	51	<LOD	201.5	756.41	182.32	199.2
6-Jun-04	2B-06	29	Soil			88.54	10.24	113.54	20.77	<LOD	22.15	<LOD		0	NA	<LOD	46.1	<LOD	161.49	<LOD	456.23	<LOD
6-Jun-04	2C-06	32	Soil			85.01	10.13	101.82	20.65	<LOD	21.17	<LOD		0	NA	45.91	15.18	<LOD	152.35	<LOD	447.85	<LOD
5-Jun-04	5B-24	36	Soil			84.87	13.63	<LOD	75.14	<LOD	28.75	<LOD		0	NA	<LOD	59	<LOD	212.49	<LOD	602.75	<LOD
7-Jun-04	12B-06	29	Soil			84.77	10.08	74.16	20.67	<LOD	20.92	<LOD		0	NA	<LOD	46.49	<LOD	162.47	<LOD	455.18	<LOD
8-Jun-04	6E06	4	Soil			83.35	11.09	76.17	21.96	<LOD	23.6	<LOD		0	NA	<LOD	49.94	<LOD	175.12	<LOD	492.55	<LOD
6-Jun-04	4E-06	61	Soil			81.29	9.37	<LOD	58.2	<LOD	19.7	<LOD		0	NA	<LOD	42.55	<LOD	149.24	<LOD	424.15	<LOD
8-Jun-04	7A-06	42	Soil			80.07	10.28	86.33	21.02	<LOD	21.83	<LOD		0	NA	59.16	15.68	<LOD	188.02	<LOD	465.96	<LOD
8-Jun-04	7E-24	37	Soil			79.77	12.28	124.84	23.76	<LOD	25.53	<LOD		0	NA	<LOD	54.65	<LOD	184.38	<LOD	561.07	<LOD
7-Jun-04	12C-24	30	Soil			78.6	12.51	<LOD	70.06	<LOD	25.37	<LOD		0	NA	<LOD	53.1	<LOD	194.81	<LOD	562.51	<LOD
5-Jun-04	5B-06	38	Soil			74.19	13.29	125.1	25.04	<LOD	27.76	<LOD		0	NA	<LOD	57.57	<LOD	204.26	761.93	208.45	<LOD
8-Jun-04	10A-12	18	Soil			73.93	12.43	<LOD	69.63	<LOD	26.42	<LOD		0	NA	<LOD	52.65	<LOD	195.36	<LOD	561.89	<LOD
7-Jun-04	16A-06	8	Soil			70.46	10.01	132.03	21.22	<LOD	19.83	<LOD		0	NA	<LOD	47.76	<LOD	163.01	<LOD	463	<LOD
7-Jun-04	12D-06	20	Soil			67.89	10.51	66.54	22.1	<LOD	22.52	<LOD		0	NA	<LOD	52.1	236.8	61.15	<LOD	501.03	<LOD
8-Jun-04	10D-12	24	Soil			61.38	11.84	<LOD	68.8	<LOD	24.23	<LOD		0	NA	69.78	17.4	<LOD	172.26	<LOD	537.94	<LOD
6-Jun-04	2D-24	24	Soil			58.06	9.54	82.62	20.43	<LOD	19.67	<LOD		0	NA	<LOD	45.11	<LOD	157.3	622.86	155.15	<LOD
5-Jun-04	13C-06	4	Soil			57.69	12.46	80.3	24.39	<LOD	25.59	<LOD		0	NA	<LOD	56.46	<LOD	191.25	755	201.86	<LOD
5-Jun-04	13A-12	15	Soil			57.21	12.35	128.24	24.01	<LOD	26.22	<LOD		0	NA	62.93	17.92	<LOD	180.87	645.79	195.83	<LOD
6-Jun-04	1B-06	11	Soil			57.21	9.42	118.99	20.54	<LOD	20	<LOD		0	NA	<LOD	45.28	<LOD	172.11	<LOD	444.71	<LOD
7-Jun-04	14E-06	75	Soil			53.87	9.52	85.97	20.78	<LOD	19.91	<LOD		0	NA	<LOD	46.66	<LOD	155.3	<LOD	467.81	<LOD
7-Jun-04	12A-06	23	Soil			52.38	9.18	63.04	20.12	<LOD	19.24	<LOD		0	NA	101.84	15.05	229.49	53.6	<LOD	446.58	<LOD
6-Jun-04	1C-06	5	Soil			46.87	9.15	<LOD	60.97	<LOD	19.23	<LOD		0	NA	<LOD	45.6	205.24	61.77	<LOD	455.93	<LOD
6-Jun-04	4D-06	58	Soil			45.13	9.37	127.47	21.04	<LOD	19.46	<LOD		0	NA	87.39	15.51	<LOD	160.59	<LOD	467.35	<LOD
6-Jun-04	1E-12	16	Soil			44.26	9.04	77.72	20.31	<LOD	18.98	<LOD		0	NA	<LOD	45.26	<LOD	151	<LOD	448.04	<LOD
8-Jun-04	11C-12	50	Soil			43.79	9.07	112.78	20.52	<LOD	19.72	<LOD		0	NA	<LOD	45.21	<LOD	154.72	517.47	153.11	<LOD
7-Jun-04	12E-24	24	Soil			43.75	8.95	<LOD	59.56	<LOD	18.88	<LOD		0	NA	<LOD	44.15	<LOD	145.16	<LOD	442.19	<LOD
7-Jun-04	16C-24	15	Soil			36.13	8.89	<LOD	60.55	<LOD	18.84	<LOD		0	NA	<LOD	45.31	<LOD	151.9	<LOD	444.12	<LOD
7-Jun-04	15D-06	57	Soil			31.85	8.93	110.14	20.7	<LOD	19.33	<LOD		0	NA	<LOD	45.92	<LOD	152.94	524.92	156.74	<LOD
6-Jun-04	1A-24	6	Soil			29.56	8.56	100.61	20.16	<LOD	17.92	<LOD		0	NA	<LOD	44.53	<LOD	149.55	521.33	150.01	<LOD
8-Jun-04	7E-12	38	Soil			28.22	9.23	110.42	21.53	<LOD	19.7	<LOD		0	NA	<LOD	48.96	<LOD	164.23	<LOD	485.68	<LOD
6-Jun-04	1A-12	7	Soil			26.76	8.58	114.12	20.27	<LOD	18.01	<LOD		0	NA	45.06	14.96	<LOD	149.43	<LOD	426.81	<LOD
5-Jun-04		1	Standardiz	0.0115	PASS																	
5-Jun-04		32	Standardiz	-0.0012	PASS																	
6-Jun-04		2	Standardiz	-0.0209	PASS																	
6-Jun-04		34	Standardiz	0.0076	PASS																	
7-Jun-04		2	Standardiz	-0.026	PASS																	
7-Jun-04		48	Standardiz	0.0096	PASS																	
8-Jun-04		1	Standardiz	-0.0596	PASS																	
8-Jun-04		33	Standardiz	0.0106	PASS																	

Date	Sample ID	Cu	+/-	Fe	Fe +/-	Hf	Hf +/-	Hg	Hg +/-	LE	LE +/-	Mn	Mn +/-	Mo	Mo +/-	Nb	Nb +/-	Ni	Ni +/-	Rb	Rb +/-	Re	Re +/-
5-Jun-04	13C-24	112.59	<LOD	333.81	NA			57.29	18.61	<LOD		0	<LOD	332.74	<LOD	15.74	NA		<LOD	125.41	<LOD	13.6	NA
5-Jun-04	13C-12	115.36	<LOD	342.64	NA			<LOD	52.36	<LOD		0	<LOD	326.78	<LOD	15.3	NA		<LOD	118.65	<LOD	12.68	NA
5-Jun-04	13E-24	113.61	<LOD	340.59	NA			<LOD	51.75	<LOD		0	<LOD	326.79	<LOD	14.64	NA		<LOD	122.47	<LOD	13.24	NA
5-Jun-04	13E-12	121.89	<LOD	368.94	NA			<LOD	53.11	<LOD		0	<LOD	356.4	<LOD	15.2	NA		<LOD	131.69	13.87	4.16	NA
5-Jun-04	13D-24	109.39	<LOD	316.43	NA			<LOD	51.89	<LOD		0	<LOD	317.85	<LOD	14.98	NA		<LOD	116.09	<LOD	13.34	NA
5-Jun-04	13D-12	114.65	<LOD	348.55	NA			<LOD	55.02	<LOD		0	<LOD	340	<LOD	15.11	NA		<LOD	120.81	<LOD	12.74	NA
5-Jun-04	13D-06	119.19	<LOD	348.02	NA			<LOD	51.5	<LOD		0	<LOD	336.91	<LOD	15.4	NA		<LOD	126.09	<LOD	12.73	NA
5-Jun-04	13B-24	82.43	677.85	88.87	NA			<LOD	38.44	<LOD		0	<LOD	247.6	<LOD	11.81	NA		<LOD	92.42	15.19	2.85	NA
5-Jun-04	13B-12	82.08	833.28	90.92	NA			<LOD	37.71	<LOD		0	<LOD	245.22	<LOD	11.84	NA		<LOD	87.7	11.48	2.77	NA
5-Jun-04	13B-06	88.26	989.73	98.12	NA			<LOD	42.04	<LOD		0	<LOD	255.13	<LOD	12.46	NA		<LOD	99.06	9.31	2.87	NA
5-Jun-04	13A-24	36.85	<LOD	315.23	NA			<LOD	51.44	<LOD		0	<LOD	317.76	<LOD	14.41	NA		<LOD	116.3	<LOD	12.07	NA
5-Jun-04	9A-24	114.97	<LOD	331.3	NA			<LOD	51.69	<LOD		0	<LOD	337.12	<LOD	15.04	NA		<LOD	122.03	<LOD	12.41	NA
5-Jun-04	9A-12	160.31	<LOD	475.03	NA			<LOD	68.55	<LOD		0	<LOD	422.41	<LOD	18.63	NA		<LOD	163.93	<LOD	14.7	NA
5-Jun-04	9A-06	121.67	<LOD	355.69	NA			<LOD	55.17	<LOD		0	434.8	120.24	<LOD	15.84	NA		<LOD	125.22	<LOD	13.06	NA
5-Jun-04	9B-24	86.12	806.95	94.81	NA			<LOD	41.05	<LOD		0	420.04	92.56	<LOD	12.17	NA		<LOD	97.04	10.5	2.84	NA
5-Jun-04	9B-12	84.71	876.33	96.61	NA			<LOD	41.57	<LOD		0	<LOD	263.49	<LOD	12.42	NA		<LOD	95.99	<LOD	8.54	NA
5-Jun-04	9D-24	103.51	410.2	106.92	NA			<LOD	49.07	<LOD		0	<LOD	309.8	<LOD	14.2	NA		<LOD	114.82	<LOD	11.76	NA
5-Jun-04	9D-12	130.68	<LOD	381.16	NA			<LOD	58.73	<LOD		0	<LOD	372.43	<LOD	16.39	NA		<LOD	133.46	<LOD	13.14	NA
5-Jun-04	9D-06	116.57	506.84	119.68	NA			<LOD	54.26	<LOD		0	<LOD	340.05	<LOD	15.59	NA		<LOD	130.19	<LOD	13.04	NA
5-Jun-04	9E-24	84.28	848.68	93.79	NA			<LOD	39.4	<LOD		0	<LOD	256.89	<LOD	12.12	NA		<LOD	94.45	10.66	2.82	NA
5-Jun-04	9E-12	84.93	892.96	94.98	NA			47.9	14.08	<LOD		0	<LOD	254.29	<LOD	12.22	NA		<LOD	94.26	<LOD	8.27	NA
5-Jun-04	9E-06	88.29	784.43	93.69	NA			<LOD	39.55	<LOD		0	<LOD	260.52	<LOD	12.37	NA		<LOD	93.05	16.08	2.97	NA
5-Jun-04	9C-24	82.88	778.5	91.76	NA			<LOD	38.93	<LOD		0	<LOD	243.57	<LOD	12.18	NA		<LOD	90.9	15.69	2.9	NA
5-Jun-04	9C-12	84.73	782.79	90.91	NA			<LOD	40.6	<LOD		0	<LOD	246.1	<LOD	12.11	NA		<LOD	91.61	8.29	2.74	NA
5-Jun-04	9C-06	85.59	689.12	92.53	NA			<LOD	39.83	<LOD		0	<LOD	262.64	<LOD	12.26	NA		<LOD	94.24	11.74	2.86	NA
5-Jun-04	5A-24	125.69	<LOD	377.33	NA			<LOD	57.61	<LOD		0	<LOD	364.85	<LOD	16.32	NA		<LOD	136.31	<LOD	13.68	NA
5-Jun-04	5A-06	112.36	<LOD	330.06	NA			55.11	17.86	<LOD		0	<LOD	325.32	<LOD	14.74	NA		<LOD	118.97	<LOD	12.45	NA
5-Jun-04	5D-24	117.07	<LOD	339.41	NA			<LOD	51.48	<LOD		0	<LOD	340.18	<LOD	15.21	NA		<LOD	125	<LOD	12.79	NA
5-Jun-04	5D-12	116.22	<LOD	329.42	NA			<LOD	52.44	<LOD		0	<LOD	335.83	<LOD	15.03	NA		<LOD	123.32	<LOD	12.09	NA
5-Jun-04	5E-24	113.13	<LOD	331.51	NA			<LOD	51.54	<LOD		0	<LOD	332.36	<LOD	14.87	NA		<LOD	118.08	<LOD	12.24	NA
5-Jun-04	5C-24	115.47	<LOD	345.9	NA			<LOD	53.17	<LOD		0	<LOD	340.71	<LOD	15.73	NA		<LOD	125.09	<LOD	14.27	NA
5-Jun-04	5C12	121.9	<LOD	360.22	NA			<LOD	53.43	<LOD		0	367.83	118.7	<LOD	15.54	NA		<LOD	136.07	<LOD	13.17	NA
6-Jun-04		0	<LOD	0	NA			<LOD	0	<LOD		0	<LOD	0	<LOD	0	NA		<LOD	0	<LOD	0	NA
6-Jun-04	1C-24	84.1	967.38	94.91	NA			<LOD	39.55	<LOD		0	306.53	88.91	<LOD	12.02	NA		<LOD	95.28	18.09	2.95	NA
6-Jun-04	1C-12	87.29	688.59	91.66	NA			<LOD	39.29	<LOD		0	380.81	89.82	<LOD	12.11	NA		<LOD	93.2	12.25	2.85	NA
6-Jun-04	1A-06	86.8	1079.47	99.63	NA			<LOD	40.7	<LOD		0	<LOD	265.43	<LOD	12.58	NA		<LOD	100.12	11.6	2.91	NA
6-Jun-04	1B-24	88.11	828.92	94.99	NA			<LOD	40.62	<LOD		0	292.63	88.9	<LOD	12.27	NA		<LOD	94.16	14.45	2.92	NA
6-Jun-04	1B-12	84.76	909.37	94.4	NA			<LOD	39.9	<LOD		0	<LOD	255.74	<LOD	12.39	NA		<LOD	93.65	12.04	2.85	NA
6-Jun-04	1D-24	110.04	<LOD	323.37	NA			<LOD	51.75	<LOD		0	<LOD	327	<LOD	14.85	NA		<LOD	117.62	<LOD	12.76	NA
6-Jun-04	1D-12	109.04	1140.76	124.29	NA			<LOD	51.47	<LOD		0	533	115.75	<LOD	14.72	NA		<LOD	119.98	<LOD	12.07	NA
6-Jun-04	1D-06	112.25	<LOD	343.12	NA			<LOD	53.22	<LOD		0	<LOD	339.76	<LOD	15.07	NA		<LOD	127.36	<LOD	13.23	NA
6-Jun-04	1E-24	86.58	840.62	94.28	NA			<LOD	38.32	<LOD		0	<LOD	257.47	<LOD	12.31	NA		<LOD	93.58	14.25	2.9	NA
6-Jun-04	2A-24	84.61	839.46	93.65	NA			<LOD	40.33	<LOD		0	<LOD	262.39	<LOD	12.29	NA		<LOD	94.46	9.03	2.8	NA
6-Jun-04	2A-12	87.42	893.03	95.29	NA			<LOD	40.8	<LOD		0	<LOD	260.42	<LOD	12.26	NA		<LOD	96.45	13.4	2.9	NA
6-Jun-04	2E-24	85.1	950.21	94.93	NA			<LOD	38.96	<LOD		0	<LOD	260.52	<LOD	12.08	NA		<LOD	91.02	12.92	2.86	NA
6-Jun-04	2E-12	84.12	770.44	92.77	NA			<LOD	40.15	<LOD		0	<LOD	259.03	<LOD	12.25	NA		<LOD	95.7	9.78	2.81	NA
6-Jun-04	2C-24	113.99	<LOD	338.74	NA			<LOD	53.14	<LOD		0	<LOD	329.3	<LOD	14.89	NA		<LOD	119.05	<LOD	12.33	NA
6-Jun-04	2C-12	84.6	760.57	91.03	NA			<LOD	38.69	<LOD		0	<LOD	252.85	<LOD	12.09	NA		<LOD	92.28	11.89	2.82	NA
6-Jun-04		0	<LOD	0	NA			<LOD	0	<LOD		0	<LOD	0	<LOD	0	NA		<LOD	0	<LOD	0	NA
6-Jun-04	3A-24	92.63	774.48	97.82	NA			<LOD	41.65	<LOD		0	<LOD	264.1	<LOD	12.72	NA		<LOD	97.91	9.44	2.92	NA
6-Jun-04	3A-12	89.25	917.38	98.95	NA			<LOD	42.01	<LOD		0	<LOD	265.25	<LOD	12.59	NA		<LOD	99.86	<LOD	8.39	NA
6-Jun-04	3A-06	92.96	1054.07	102.62	NA			<LOD	43.06	<LOD		0	<LOD	279.38	<LOD	12.68	NA		<LOD	102.27	<LOD	8.62	NA
6-Jun-04	3B-24	85.78	854.52	94.78	NA			<LOD	41.55	<LOD		0	<LOD	259.76	<LOD	12.13	NA		<LOD	95.37	<LOD	8.37	NA
6-Jun-04	3B-12	88.28	823.47	95.66	NA			<LOD	40.56	<LOD		0	<LOD	269.03	<LOD	12.38	NA		<LOD	97.37	13.47	2.93	NA
6-Jun-04	3B-06	90.06	820.43	96.92	NA			<LOD	42.27	<LOD		0	<LOD	263.87	<LOD	12.47	NA		<LOD	94.56	<LOD	8.33	NA
6-Jun-04	3D-24	84.67	821.07	93.53	NA			<LOD	40.17	<LOD		0	376.57	90.09	<LOD	12.03	NA		<LOD	95.22	<LOD	8.12	NA
6-Jun-04	3D-12	86.22	842.12	95.87	NA			<LOD	40.82	<LOD		0	<LOD	264.64	<LOD	12.26	NA		<LOD	94.87	10.59	2.88	NA
6-Jun-04	3D-06	88.62	664.53	92.4	NA			<LOD	40.69	<LOD		0	<LOD	259.41	<LOD	12.27	NA		<LOD	92.47	11.12	2.86	NA
6-Jun-04	3E-24	87.75	1053.59	99.05	NA			<LOD	39.73	<LOD		0	<LOD	251.9	<LOD	12.36	NA		<LOD	94	10.97	2.9	NA
6-Jun-04	3E-12	86.29	847.47	94.33	NA			<LOD	38.94	<LOD		0	264.82	87.95	<LOD	12.2	NA		<LOD	95.12	<LOD	8.35	NA
6-Jun-04	3E-06	92.39	818.93	98.95	NA			<LOD	41.86	<LOD		0	<LOD	272.37	<LOD	12.77	NA		<LOD	101.97	11.41	2.99	NA
6-Jun-04	3C-24	83.72	946.96	95.49	NA			<LOD	40.7	<LOD		0	<LOD	254.98	<LOD	12.48	NA		<LOD	97.48	17.38	2.97	NA
6-Jun-04	3C-12	87.81	816.25	94.82	NA			<LOD	41.34	<LOD		0	296.58	89.73	<LOD	12.3	NA		<LOD	97.4	13.41	2.92	NA
6-Jun-04	3C-06	90.07	815.14	96.98	NA			<LOD	41.03	<LOD		0	<LOD	263.22	<LOD	12.58	NA		<LOD	95.92	<LOD	8.42	NA
6-Jun-04	4A-24	86.82	852.26	93.83	NA			<LOD	40.35	<LOD		0	<LOD	251.55	<LOD	12.05	NA		<LOD	95.2	9.56	2.8	NA

Date	Sample ID	Cu	+/-	Fe	Fe +/-	Hf	Hf +/-	Hg	Hg +/-	LE	LE +/-	Mn	Mn +/-	Mo	Mo +/-	Nb	Nb +/-	Ni	Ni +/-	Rb	Rb +/-	Re	Re +/-
6-Jun-04	4A-12	85.15		931.12	95.43	NA		<LOD	40.12	<LOD	0	<LOD	262.28	<LOD	12.15	NA		<LOD	93.2	11.46	2.85	NA	
6-Jun-04	4A-06	89.17		742.42	95.5	NA		<LOD	40.76	<LOD	0	<LOD	269.84	<LOD	12.47	NA		<LOD	94.89	9.06	2.87	NA	
6-Jun-04	4B-24	86.15		1013.29	96.29	NA		<LOD	39.73	<LOD	0	<LOD	255.82	<LOD	12.19	NA		<LOD	90.85	9.35	2.81	NA	
6-Jun-04	4B-12	88.05		964.28	96.7	NA		<LOD	39.31	<LOD	0	<LOD	258.24	<LOD	12.31	NA		<LOD	91.57	10.54	2.85	NA	
6-Jun-04	4D-24	83.5		907.59	92.33	NA		<LOD	39.12	<LOD	0	<LOD	252.95	<LOD	11.77	NA		<LOD	88.26	10.61	2.78	NA	
6-Jun-04	4D-12	84.16		741.09	93.07	NA		<LOD	39.46	<LOD	0	278.19	88.13	<LOD	12.06	NA		<LOD	95.07	<LOD	8.24	NA	
6-Jun-04	4E-24	84.13		780.04	90.47	NA		<LOD	38.8	<LOD	0	<LOD	249.15	<LOD	12.02	NA		<LOD	90.42	11.22	2.77	NA	
6-Jun-04	4E-12	84.37		980.78	95.51	NA		<LOD	39.71	<LOD	0	<LOD	259.49	<LOD	12.12	NA		<LOD	96.61	11.73	2.84	NA	
6-Jun-04	4C-24	86.31		1005.57	97.8	NA		<LOD	41.41	<LOD	0	<LOD	260.88	<LOD	12.43	NA		<LOD	94.31	<LOD	8.46	NA	
6-Jun-04	4C-12	85.75		971.49	96.23	NA		<LOD	40.45	<LOD	0	<LOD	257.08	<LOD	12.23	NA		<LOD	96.82	10.26	2.83	NA	
6-Jun-04	4C-06	89.1		780.02	95.99	NA		<LOD	41.19	<LOD	0	<LOD	268.42	<LOD	12.42	NA		<LOD	99.48	15.31	2.98	NA	
7-Jun-04		0	<LOD	0	NA			<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	<LOD	0	NA	
7-Jun-04	16E-24	98.95		559.93	101.07	NA		<LOD	42.71	<LOD	0	389.19	101.41	<LOD	13.2	NA		<LOD	107.84	14.32	3.15	NA	
7-Jun-04	16E-12	88.82		712.62	95.47	NA		<LOD	42.56	<LOD	0	<LOD	268.44	<LOD	12.25	NA		<LOD	98.57	10.7	2.91	NA	
7-Jun-04	16E-06	86.01		849.99	95.02	NA		<LOD	40.8	<LOD	0	<LOD	258.07	<LOD	12.22	NA		<LOD	96.73	<LOD	8.29	NA	
7-Jun-04	16A-24	91.91		916.59	101.05	NA		<LOD	42.25	<LOD	0	<LOD	268.1	<LOD	12.73	NA		<LOD	100.22	<LOD	8.58	NA	
7-Jun-04	16A-12	91.18		817.47	97.63	NA		<LOD	42.16	<LOD	0	<LOD	272.78	<LOD	12.54	NA		<LOD	99.09	16.69	3.05	NA	
7-Jun-04	16D-24	88.04		934.03	99.16	NA		<LOD	41.57	<LOD	0	<LOD	265.13	<LOD	12.49	NA		<LOD	95.98	<LOD	8.47	NA	
7-Jun-04	16D-12	91.33		805.09	98.23	NA		<LOD	41.8	<LOD	0	311.83	92.96	<LOD	12.69	NA		104.63	34.14	10.31	2.93	NA	
7-Jun-04	16B-24	86.93		733.5	95.11	NA		<LOD	39.71	<LOD	0	<LOD	263.43	<LOD	12.39	NA		106.37	33.76	8.97	2.86	NA	
7-Jun-04	16B-12	88.55		599.01	93.52	NA		<LOD	40.27	<LOD	0	<LOD	269.38	<LOD	12.3	NA		<LOD	96.87	9.28	2.87	NA	
7-Jun-04	16B-06	86.64		830.56	94.2	NA		<LOD	39.8	<LOD	0	290.11	87.93	<LOD	12.15	NA		<LOD	93.89	<LOD	8.51	NA	
7-Jun-04	16C-12	82.72		670.9	91.14	NA		<LOD	40.95	<LOD	0	<LOD	260.2	<LOD	12.23	NA		<LOD	91.32	<LOD	8.24	NA	
7-Jun-04	16C-06	86.68		831.65	93.49	NA		<LOD	40.88	<LOD	0	<LOD	248.87	<LOD	12.12	NA		<LOD	96.91	11.75	2.86	NA	
7-Jun-04	12D-24	101.46		342.59	102.24	NA		<LOD	48.3	<LOD	0	331.62	100.59	<LOD	13.99	NA		<LOD	110.51	<LOD	12.25	NA	
7-Jun-04	12D-12	86.98		737.43	93.43	NA		<LOD	38.82	<LOD	0	287.58	89.26	<LOD	12.11	NA		<LOD	93.15	14.29	2.92	NA	
7-Jun-04	12A-24	110.89		924.68	120.94	NA		<LOD	52.26	<LOD	0	<LOD	323.75	<LOD	14.59	NA		<LOD	117.1	<LOD	12.87	NA	
7-Jun-04	12A-12	88.3		792.79	93.5	NA		<LOD	41.59	<LOD	0	<LOD	262.49	<LOD	12.31	NA		<LOD	94.91	9.44	2.81	NA	
7-Jun-04	12E-12	86.92		607.99	93.26	NA		<LOD	41.9	<LOD	0	335.61	91.46	<LOD	12.3	NA		<LOD	99	10.42	2.88	NA	
7-Jun-04	12E-06	90.48		606.82	94.52	NA		<LOD	41.83	<LOD	0	<LOD	273.79	<LOD	12.5	NA		<LOD	98.19	<LOD	8.65	NA	
7-Jun-04	12B-24	41.84	<LOD		354.09	NA		<LOD	56.41	<LOD	0	<LOD	343.74	<LOD	15.73	NA		<LOD	132.93	<LOD	14.29	NA	
7-Jun-04	12B-12	85.97		881.82	94.23	NA		<LOD	39.6	<LOD	0	<LOD	253.16	<LOD	12.13	NA		<LOD	92.72	12.4	2.89	NA	
7-Jun-04	12C-12	86.88		668.25	91.9	NA		<LOD	38.7	<LOD	0	<LOD	260.37	<LOD	12.33	NA		<LOD	94.89	8.61	2.8	NA	
7-Jun-04	12C-06	86.93		780.33	93.62	NA		<LOD	40.86	<LOD	0	<LOD	257.59	<LOD	12.04	NA		<LOD	91.55	<LOD	8.32	NA	
7-Jun-04	8E-12	85.82		1323.85	100.95	NA		<LOD	39.47	<LOD	0	303.71	89.54	<LOD	12.22	NA		<LOD	95.11	8.81	2.81	NA	
7-Jun-04	8E-06	87.99		802.84	95.33	NA		<LOD	39.98	<LOD	0	<LOD	266.23	<LOD	12.43	NA		<LOD	97.6	<LOD	8.44	NA	
7-Jun-04	8D-12	84.84		850.25	95.51	NA		<LOD	40.88	<LOD	0	271	89.45	<LOD	12.38	NA		<LOD	93.49	<LOD	8.22	NA	
7-Jun-04	8D-06	83.32		544.75	89.13	NA		<LOD	38.13	<LOD	0	<LOD	255.86	<LOD	12.06	NA		<LOD	90	13.3	2.86	NA	
7-Jun-04	8B-24	88.49		796.53	95.74	NA		<LOD	39.43	<LOD	0	<LOD	252.19	<LOD	12.32	NA		<LOD	94.47	13.53	2.95	NA	
7-Jun-04	8B-12	97.23		774.45	106.1	NA		<LOD	42.28	<LOD	0	<LOD	295.5	<LOD	13.19	NA		<LOD	100.28	<LOD	8.81	NA	
7-Jun-04	8B-06	102.46		314.22	103.52	NA		<LOD	48.56	<LOD	0	<LOD	304.79	<LOD	14.08	NA		<LOD	113.47	<LOD	12.04	NA	
7-Jun-04	8A-24	105.25	<LOD		312.41	NA		<LOD	47.29	<LOD	0	405.24	107.81	<LOD	14.47	NA		<LOD	116.42	<LOD	12.4	NA	
7-Jun-04	8A-12	87.03		826.93	96.12	NA		<LOD	38.88	<LOD	0	<LOD	263.91	<LOD	12.2	NA		<LOD	95.59	<LOD	8.37	NA	
7-Jun-04	8A-06	88.05		665.14	94.1	NA		<LOD	41	<LOD	0	<LOD	269.69	<LOD	12.55	NA		<LOD	97.07	9.52	2.88	NA	
7-Jun-04	8C-12	89.25		728.13	94.07	NA		<LOD	40.41	<LOD	0	<LOD	267.65	<LOD	12.39	NA		<LOD	98.99	<LOD	8.44	NA	
7-Jun-04	15A-24	90.66		796.35	98.55	NA		<LOD	41.33	<LOD	0	<LOD	276.82	<LOD	12.31	NA		<LOD	96.34	<LOD	8.61	NA	
7-Jun-04	15A-12	95.61		798.52	104.59	NA		<LOD	44.66	<LOD	0	<LOD	289.36	<LOD	13.28	NA		<LOD	101.27	9.91	3.26	NA	
7-Jun-04	15B-24	84.31		684.99	89.29	NA		<LOD	40.09	<LOD	0	<LOD	254.96	<LOD	11.95	NA		<LOD	93.34	9.81	2.75	NA	
7-Jun-04	15B-12	86.29		735.73	91.53	NA		<LOD	39.02	<LOD	0	<LOD	262.46	<LOD	12.07	NA		<LOD	93.49	9.92	2.78	NA	
7-Jun-04	15B-06	90.11		874.95	97.89	NA		<LOD	40.83	<LOD	0	<LOD	262.63	<LOD	12.54	NA		<LOD	95.5	<LOD	8.42	NA	
7-Jun-04	15D-24	82.78		782.36	90.45	NA		58.21	13.97	<LOD	0	<LOD	257.06	<LOD	12.01	NA		<LOD	92.53	<LOD	8.26	NA	
7-Jun-04	15D-12	85.76		798.47	92.98	NA		<LOD	41.48	<LOD	0	<LOD	254.8	<LOD	12.23	NA		124.85	32.9	<LOD	8.25	NA	
7-Jun-04	15E-12	90.66		793.4	97.32	NA		<LOD	42.35	<LOD	0	<LOD	259.47	<LOD	12.46	NA		<LOD	102.48	8.75	2.91	NA	
7-Jun-04	15C-24	35.81	<LOD		304.72	NA		63.11	17.13	<LOD	0	388.81	103.06	<LOD	14.18	NA		<LOD	114.49	<LOD	12.26	NA	
7-Jun-04	15C-12	87.15		811.76	94.06	NA		<LOD	40.99	<LOD	0	<LOD	257.07	<LOD	12.42	NA		<LOD	95.09	<LOD	8.27	NA	
7-Jun-04	15C-06	91.54		860.33	100.43	NA		<LOD	41.58	<LOD	0	<LOD	274.94	<LOD	12.65	NA		<LOD	99.22	<LOD	8.56	NA	
7-Jun-04	14A-24	94.64		466.5	98.71	NA		<LOD	45.49	<LOD	0	<LOD	284.06	<LOD	13.39	NA		<LOD	104.88	<LOD	10.93	NA	
7-Jun-04	14A-12	85.75		882.32	95.52	NA		<LOD	41.79	<LOD	0	<LOD	256.71	12.75	4.15	NA		<LOD	95.69	19.68	3.03	NA	
7-Jun-04	14A-06	90.28		909.39	99.36	NA		<LOD	42.06	<LOD	0	277.75	92.21	<LOD	12.65	NA		<LOD	98.84	<LOD	8.63	NA	
7-Jun-04	14D-24	88.55		835.3	97.48	NA		<LOD	42.46	<LOD	0	317.65	92.59	<LOD	12.23	NA		<LOD	98.83	<LOD	8.11	NA	
7-Jun-04	14D-12	90.1		798.19	97.68	NA		53.64	14.75	<LOD	0	<LOD	265.94	<LOD	12.6	NA		<LOD	98.15	13.38	3	NA	
7-Jun-04	14E-24	93.68		817.33	102.55	NA		<LOD	43.98	<LOD	0	<LOD	279.69	<LOD	12.97	NA		<LOD	102.16	<LOD	8.83	NA	
7-Jun-04	14E-12	89.79		916.49	96.97	NA		<LOD	39.39	<LOD	0	<LOD	265.37	<LOD	12.48	NA		<LOD	98.64	<LOD	8.48	NA	
7-Jun-04	14C-24	85.87		880.06	94.73	NA		<LOD	39.35	<LOD	0	<LOD	260.34	<LOD	12.41	NA		<LOD	92.54	11.01	2.83	NA	
7-Jun-04	14C-12	85.62		724.65	92.75	NA		<LOD	40.07	<LOD	0	<LOD	255.05	<LOD	12.2	NA		<LOD	93.09	<LOD	8.33	NA	

Date	Sample ID	Cu	+/-	Fe	Fe +/-	Hf	Hf +/-	Hg	Hg +/-	LE	LE +/-	Mn	Mn +/-	Mo	Mo +/-	Nb	Nb +/-	Ni	Ni +/-	Rb	Rb +/-	Re	Re +/-
8-Jun-04	6B-12	91.33		871.93	100.61	NA		<LOD	40.86	<LOD	0	<LOD	279.07	<LOD	12.89	NA		<LOD	97.2	<LOD	8.82	NA	
8-Jun-04	6A-24	113.02		<LOD	327.16	NA		<LOD	50.77	<LOD	0	454.82	112.6	<LOD	14.97	NA		<LOD	123.74	<LOD	12.77	NA	
8-Jun-04	6A-12	116.77		<LOD	353.7	NA		<LOD	52.45	<LOD	0	414.99	115.98	<LOD	14.9	NA		<LOD	124.5	<LOD	12.42	NA	
8-Jun-04	10A-24	106.46		535.5	111.31	NA		<LOD	50.23	<LOD	0	371.37	106.9	<LOD	14.31	NA		<LOD	112.54	<LOD	12.15	NA	
8-Jun-04	10B-24	122.32		<LOD	364.32	NA		<LOD	52.59	<LOD	0	486.8	122.04	<LOD	15.45	NA		<LOD	126.58	29.49	4.88	NA	
8-Jun-04	10B-12	107.74		<LOD	317.65	NA		<LOD	49.65	<LOD	0	485.91	111.22	<LOD	14.95	NA		<LOD	124.71	98.24	5.82	NA	
8-Jun-04	10D-24	119.66		<LOD	348.6	NA		<LOD	52.67	<LOD	0	436.69	118.48	<LOD	15.37	NA		<LOD	127.88	<LOD	13.61	NA	
8-Jun-04	10E-24	96.59		<LOD	278.11	NA		<LOD	46.1	<LOD	0	461.44	100.76	<LOD	13.57	NA		<LOD	106.73	50.72	4.61	NA	
8-Jun-04	10C-24	120.67		<LOD	363.7	NA		<LOD	51.41	<LOD	0	<LOD	351.76	<LOD	15.56	NA		<LOD	127.93	<LOD	13.14	NA	
8-Jun-04	10C-12	119.76		<LOD	353.65	NA		<LOD	52.42	<LOD	0	<LOD	344.67	<LOD	15.71	NA		<LOD	127.89	<LOD	14.09	NA	
8-Jun-04		0		<LOD	0	NA		<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	<LOD	0	NA	
8-Jun-04	7C-24	92.27		947.32	101.02	NA		<LOD	42.2	<LOD	0	<LOD	273.76	<LOD	12.81	NA		<LOD	101.98	<LOD	8.51	NA	
8-Jun-04	7A-24	39.91		<LOD	351.58	NA		58.36	19	<LOD	0	500.59	118.92	<LOD	15.72	NA		<LOD	131.46	<LOD	14.32	NA	
8-Jun-04	7A-12	93.53		796.79	99.18	NA		<LOD	44.11	<LOD	0	<LOD	265.92	<LOD	12.94	NA		<LOD	99.54	13.82	3.05	NA	
8-Jun-04	7B-24	101.3		1042.41	112.76	NA		<LOD	45.92	<LOD	0	<LOD	299.08	<LOD	13.54	NA		<LOD	109.97	9.65	3.15	NA	
8-Jun-04	7B-12	99.19		840.98	103.9	NA		<LOD	44.12	<LOD	0	<LOD	283.03	<LOD	12.99	NA		<LOD	99.81	9.92	3.03	NA	
8-Jun-04	7D-24	42.25		<LOD	368.04	NA		<LOD	56.25	<LOD	0	558.15	124.13	<LOD	15.71	NA		<LOD	131.77	<LOD	13.52	NA	
8-Jun-04	11E-24	96.14		848.18	102.47	NA		<LOD	43.26	<LOD	0	<LOD	278.14	<LOD	12.89	NA		<LOD	100.95	<LOD	8.87	NA	
8-Jun-04	11E-12	98.09		1051.24	108.67	NA		<LOD	45.29	<LOD	0	<LOD	286.92	<LOD	13.3	NA		<LOD	103.01	<LOD	8.99	NA	
8-Jun-04	11E-06	90.76		1000.63	99.8	NA		<LOD	40.36	<LOD	0	<LOD	262.8	<LOD	12.52	NA		<LOD	98.34	<LOD	8.55	NA	
8-Jun-04	11D-24	93.65		771.9	101.54	NA		<LOD	42.07	<LOD	0	<LOD	277.77	<LOD	12.71	NA		<LOD	101.31	<LOD	8.66	NA	
8-Jun-04	11D-12	88.66		825.96	96.31	NA		<LOD	40.44	<LOD	0	<LOD	268.47	<LOD	12.46	NA		<LOD	98.62	15.32	2.98	NA	
8-Jun-04	11B-24	92.49		959.9	100.13	NA		<LOD	41.23	<LOD	0	<LOD	269.38	<LOD	12.75	NA		<LOD	98.46	9.51	2.92	NA	
8-Jun-04	11B-12	91.74		708.95	98.1	NA		74.29	15.45	<LOD	0	<LOD	274.62	<LOD	12.65	NA		<LOD	95.67	13.07	3.03	NA	
5-Jun-04	5E06	39.84		7286.74	196.84	NA		80.49	20.75	<LOD	0	331.55	110.49	<LOD	14.47	NA		<LOD	125.24	<LOD	13.57	NA	
8-Jun-04	10A-06	33.3		3902.79	144	NA		128.82	18.62	<LOD	0	528.27	103.57	<LOD	13.36	NA		<LOD	110.83	<LOD	11.35	NA	
7-Jun-04	8D-24	36.13		4754.43	156.6	NA		54.94	17.37	<LOD	0	<LOD	304.95	<LOD	13.47	NA		<LOD	114.14	<LOD	11.59	NA	
6-Jun-04	2D-06	111.75		15195.45	285.35	NA		<LOD	52.39	<LOD	0	927.8	129.05	36.13	5.06	NA		<LOD	131.37	<LOD	12.52	NA	
8-Jun-04	11C-06	36.52		5687.55	172.42	NA		<LOD	51.94	<LOD	0	398.3	108.67	<LOD	14.11	NA		<LOD	117.82	<LOD	11.49	NA	
5-Jun-04	5E12	38.23		1995.71	136.13	NA		<LOD	53.49	<LOD	0	<LOD	328.78	<LOD	14.81	NA		<LOD	124.25	<LOD	13.06	NA	
8-Jun-04	6D-06	97.65		3618.15	139.89	NA		57.13	16.48	<LOD	0	544.94	102.16	14.78	4.47	NA		<LOD	106.79	22.82	3.84	NA	
5-Jun-04	5C-06	39.35		3933.98	162.34	NA		<LOD	52.98	<LOD	0	397.81	114.83	<LOD	14.75	NA		<LOD	126.17	<LOD	12.92	NA	
6-Jun-04	2B-12	39.67		4762.97	157.89	NA		<LOD	49.42	<LOD	0	501.53	106.22	<LOD	13.55	NA		<LOD	113.59	<LOD	11.19	NA	
8-Jun-04	10E-12	117.36		642.04	121.03	NA		<LOD	55.66	<LOD	0	404.66	115.63	<LOD	14.93	NA		<LOD	125.95	58.01	5.43	NA	
8-Jun-04	6D-24	103.58		1066.98	116.73	NA		<LOD	52.03	<LOD	0	501.58	107.77	<LOD	14.05	NA		<LOD	117.66	<LOD	12.6	NA	
7-Jun-04	8C-24	34.32		3044.43	134.88	NA		55.61	16.43	<LOD	0	327.91	99.96	<LOD	13.32	NA		<LOD	106.54	<LOD	10.66	NA	
8-Jun-04	6C-24	114.63		2156.86	139.12	NA		<LOD	53.11	<LOD	0	429.23	113.33	<LOD	15.07	NA		<LOD	122.13	<LOD	13.07	NA	
8-Jun-04	6A-06	38.72		2761.76	146.81	NA		57.18	18.49	<LOD	0	374.78	112.96	<LOD	14.82	NA		<LOD	124.05	<LOD	13.18	NA	
8-Jun-04	6D-12	31.67		3525.38	132.69	NA		<LOD	43.32	<LOD	0	288.09	92.85	<LOD	12.57	NA		<LOD	102.32	<LOD	9.64	NA	
7-Jun-04	15E-24	115.69		1932.26	137.8	NA		<LOD	51.74	<LOD	0	<LOD	339.54	<LOD	14.85	NA		<LOD	117.27	<LOD	12.16	NA	
8-Jun-04	10B-06	34.96		4229.65	155.02	NA		<LOD	48.77	<LOD	0	601.08	110.64	<LOD	13.8	NA		<LOD	115.02	<LOD	11.72	NA	
5-Jun-04	13A-06	95.83		1715.35	115.94	NA		<LOD	45.12	<LOD	0	<LOD	289.46	<LOD	13.17	NA		<LOD	106.28	<LOD	9.87	NA	
8-Jun-04	6C-06	97.78		4440.05	148.68	NA		<LOD	44.78	<LOD	0	510.44	102.12	<LOD	13.4	NA		<LOD	110.4	<LOD	9.75	NA	
8-Jun-04	7C-12	42.01		2044.9	140.83	NA		<LOD	52.44	<LOD	0	<LOD	340.63	<LOD	15.13	NA		<LOD	127.63	<LOD	12.07	NA	
6-Jun-04	2E-06	95.69		2371.24	122.8	NA		<LOD	44.69	<LOD	0	331.71	97.49	<LOD	13.14	NA		<LOD	106.46	<LOD	9.49	NA	
8-Jun-04	11A-24	38.73		2192.93	137.11	NA		<LOD	51.87	<LOD	0	<LOD	330.93	<LOD	14.86	NA		<LOD	124.16	<LOD	12.82	NA	
8-Jun-04	11A-06	41.45		5606.59	187.14	NA		<LOD	53.66	<LOD	0	<LOD	348.2	<LOD	15.29	NA		<LOD	132.86	<LOD	13.7	NA	
8-Jun-04	7D-06	38.27		8326.18	208.97	NA		<LOD	49.87	<LOD	0	356.99	112.31	<LOD	14.23	NA		<LOD	125.07	<LOD	11.71	NA	
8-Jun-04	7B-06	96.1		1042.1	105.12	NA		<LOD	47.61	<LOD	0	<LOD	281.86	<LOD	13.22	NA		<LOD	102.98	<LOD	9.24	NA	
6-Jun-04	2A-06	36.35		1393.94	121.37	NA		62.21	17.34	<LOD	0	453.77	108.86	<LOD	14.29	NA		<LOD	118.74	<LOD	11.43	NA	
8-Jun-04	6E-24	103.19		2483.65	136.84	NA		53.06	17.07	<LOD	0	788.43	117.15	<LOD	14.52	NA		<LOD	120.89	209.12	6.93	NA	
8-Jun-04	10D-06	98.69		1665.25	118.03	NA		<LOD	45.8	<LOD	0	347.63	100.65	<LOD	13.61	NA		<LOD	109.28	<LOD	10.76	NA	
7-Jun-04	15A-06	95.94		3565.79	138.06	NA		51.69	15.52	<LOD	0	<LOD	292.24	<LOD	12.87	NA		<LOD	107.75	<LOD	9.59	NA	
8-Jun-04	11A-12	113.23		2298.85	141.13	NA		55.84	18.34	<LOD	0	448.58	114.41	<LOD	14.82	NA		131.37	43.59	<LOD	12.35	NA	
8-Jun-04	6C-12	98.3		2694.41	130.69	NA		<LOD	46.41	<LOD	0	662.65	106.4	<LOD	13.46	NA		<LOD	112.17	12.53	3.3	NA	
5-Jun-04	13E-06	31.75		3374.96	131.5	NA		<LOD	42.49	<LOD	0	<LOD	271.25	<LOD	12.51	NA		<LOD	103.96	<LOD	8.9	NA	
8-Jun-04	7D-12	35.17		1318.74	115.44	NA		50.77	16.37	<LOD	0	<LOD	298.47	<LOD	13.58	NA		<LOD	112	<LOD	10.47	NA	
8-Jun-04	7E-06	103.02		1886.28	122.33	NA		<LOD	45.51	<LOD	0	314.47	101.98	<LOD	13.73	NA		<LOD	110.54	<LOD	10.12	NA	
7-Jun-04	8E-24	90		1597.37	106.73	NA		<LOD	41.08	<LOD	0	<LOD	267.76	<LOD	12.38	NA		<LOD	99.39	15.99	3.18	NA	
8-Jun-04	10C-06	117.81		1790.01	136.27	NA		<LOD	50.42	<LOD	0	<LOD	334.51	<LOD	15.13	NA		<LOD	122.86	27.22	4.56	NA	
7-Jun-04	14D-06	92.67		1425.22	109.07	NA		46.66	15.15	<LOD	0	<LOD	274.5	<LOD	12.88	NA		106.94	35.54	9.54	3.17	NA	
5-Jun-04	5A-12	111.96		2752.23	144.52	NA		<LOD	50.74	<LOD	0	595.3	116.54	<LOD	14.36	NA		<LOD	117.02	<LOD	11.82	NA	
7-Jun-04	14B-24	103.78		613.96	108.12	NA		<LOD	50.06	<LOD	0	441.32	106.35	<LOD	13.9	NA		<LOD	110.09	<LOD	11.69	NA	
6-Jun-04	4B-06	88.95		1322.85	102.82	NA		<LOD	40.04	<LOD	0	<LOD	257.83	<LOD	12.48	NA		<LOD	98.27	<LOD	8.77	NA	
6-Jun-04	1E-06	34.2		1827.33	121.41	NA		<LOD	47.67	<LOD	0	465.47	103.47	<LOD	13.79	NA		<LOD	108.07	<LOD	10.55	NA	

Date	Sample ID	Cu	+/-	Fe	Fe +/-	Hf	Hf +/-	Hg	Hg +/-	LE	LE +/-	Mn	Mn +/-	Mo	Mo +/-	Nb	Nb +/-	Ni	Ni +/-	Rb	Rb +/-	Re	Re +/-
5-Jun-04	9B-06	89.11		1294.12	103.66	NA		<LOD	41.98	<LOD	0	<LOD	270.27	<LOD	12.6	NA		<LOD	101.55	9.94	2.98	NA	
8-Jun-04	10E-06	92.95		1233.92	107.35	NA		<LOD	43.65	<LOD	0	380.79	97.23	<LOD	12.91	NA		106.96	35.47	24.17	3.46	NA	
8-Jun-04	6B-06	98.91		1896.58	122.79	NA		72.13	16.66	<LOD	0	548.62	105.1	<LOD	13.62	NA		163.64	39.54	95.08	5.03	NA	
7-Jun-04	8C-06	90.72		4632.87	145.94	NA		<LOD	42.12	<LOD	0	286.53	95.26	<LOD	12.65	NA		<LOD	101.05	13.17	3.09	NA	
8-Jun-04	7C-06	36.52		1450.54	121.41	NA		<LOD	49.22	<LOD	0	<LOD	313.18	<LOD	13.89	NA		<LOD	112.97	<LOD	10.47	NA	
7-Jun-04	14B-12	98.84		789.67	103.69	NA		<LOD	44.75	<LOD	0	<LOD	278	<LOD	13.23	NA		<LOD	108.55	<LOD	10.23	NA	
8-Jun-04	11C-24	86.5		1277.76	100.25	NA		<LOD	40.97	<LOD	0	268.24	88.41	<LOD	12.2	NA		<LOD	93.5	9.48	2.85	NA	
6-Jun-04	2B-24	89.16		1127.48	99.55	NA		<LOD	41.09	<LOD	0	<LOD	263.3	<LOD	12.48	NA		<LOD	95.85	<LOD	8.86	NA	
7-Jun-04	14B-06	100.88		792.62	106.21	NA		<LOD	46.35	<LOD	0	<LOD	282.56	<LOD	13.39	NA		<LOD	104.34	<LOD	10.22	NA	
6-Jun-04	2D-12	89.8		1792.74	110.06	NA		<LOD	42.38	<LOD	0	<LOD	274.43	<LOD	12.74	NA		<LOD	97.39	10.6	3.03	NA	
7-Jun-04	14C-06	90.76		1478.7	109.28	NA		<LOD	44.78	<LOD	0	310.27	94.63	<LOD	12.65	NA		118.11	35.28	10.62	3.16	NA	
5-Jun-04	5D-06	117.47		1263.21	131.03	NA		<LOD	54.36	<LOD	0	<LOD	337.42	<LOD	15.51	NA		<LOD	126.55	<LOD	13.36	NA	
8-Jun-04	6E-12	32.33		3622.58	139.9	NA		48.5	15.6	<LOD	0	499.9	101.23	<LOD	13.19	NA		<LOD	111.3	<LOD	10.9	NA	
7-Jun-04	15E-06	92.43		945.06	101.76	NA		<LOD	41.16	<LOD	0	367.91	95.59	<LOD	12.7	NA		<LOD	103.42	<LOD	9.02	NA	
8-Jun-04	6B-24	118.35		2905.07	154.24	NA		<LOD	52.28	<LOD	0	379.45	116.79	<LOD	15.28	NA		<LOD	125.06	<LOD	13.2	NA	
7-Jun-04	16D-06	89.5		1111.35	100.13	NA		<LOD	40.97	<LOD	0	<LOD	267.12	<LOD	12.38	NA		<LOD	96.66	<LOD	8.55	NA	
5-Jun-04	5B-12	112.78		2337.75	142.13	NA		<LOD	51.35	<LOD	0	380.51	112.78	<LOD	15.02	NA		<LOD	122.95	<LOD	12.62	NA	
8-Jun-04	11B-06	95.31		1325.15	108.33	NA		<LOD	43.97	<LOD	0	330.39	96.19	<LOD	13.01	NA		<LOD	101.11	<LOD	9.22	NA	
8-Jun-04	11D-06	36.38		3218.07	142.31	NA		<LOD	48.64	<LOD	0	<LOD	306.19	<LOD	13.98	NA		<LOD	110.72	<LOD	11.46	NA	
6-Jun-04	2B-06	91.6		1013.96	100.62	NA		<LOD	40.54	<LOD	0	<LOD	269.93	<LOD	12.92	NA		<LOD	99.37	<LOD	8.79	NA	
6-Jun-04	2C-06	89.8		1100.53	101.11	NA		<LOD	41.33	<LOD	0	<LOD	269.32	<LOD	12.62	NA		<LOD	96.18	9.28	3.06	NA	
5-Jun-04	5B-24	120.27		1813.03	141.62	NA		<LOD	53.32	<LOD	0	<LOD	343.21	<LOD	15.54	NA		<LOD	130.76	57.9	5.43	NA	
7-Jun-04	12B-06	89.74		1041.37	101.43	NA		<LOD	39.76	<LOD	0	<LOD	266.75	<LOD	12.81	NA		<LOD	101.62	15.75	3.07	NA	
8-Jun-04	6E06	100.18		1976.61	122.14	NA		<LOD	45.29	<LOD	0	<LOD	292.34	<LOD	13.41	NA		<LOD	109.69	<LOD	10.24	NA	
6-Jun-04	4E-06	84.05		1384.11	98.4	NA		<LOD	39.4	<LOD	0	<LOD	246.05	<LOD	11.73	NA		<LOD	92.92	<LOD	8.26	NA	
8-Jun-04	7A-06	95.27		4223.97	143.33	NA		<LOD	42.34	<LOD	0	317.98	96.25	<LOD	12.78	NA		<LOD	101.31	<LOD	8.93	NA	
8-Jun-04	7E-24	112.18		1001.37	120.18	NA		<LOD	51.84	<LOD	0	441.58	111.4	<LOD	14.55	NA		<LOD	121.59	<LOD	11.5	NA	
7-Jun-04	12C-24	108.43		1584.41	126.87	NA		<LOD	49.68	<LOD	0	386.96	109.2	<LOD	14.49	NA		<LOD	121.4	<LOD	12.44	NA	
5-Jun-04	5B-06	119.02		1120.59	129.78	NA		<LOD	54.26	<LOD	0	449.62	119.61	<LOD	15.38	NA		189.4	45.84	100.07	5.97	NA	
8-Jun-04	10A-12	105.71		1751.39	128.56	NA		<LOD	51.04	<LOD	0	556.69	112.29	<LOD	14.5	NA		<LOD	116.06	<LOD	13.05	NA	
7-Jun-04	16A-06	95.57		824.54	100.85	NA		<LOD	42.27	<LOD	0	<LOD	279.19	<LOD	12.94	NA		<LOD	102.56	11.28	3.04	NA	
7-Jun-04	12D-06	103.35		1037.63	112.19	NA		<LOD	43.69	<LOD	0	<LOD	303.29	<LOD	13.57	NA		<LOD	107.09	<LOD	9.33	NA	
8-Jun-04	10D-12	103.21		408.96	107.85	NA		<LOD	49.91	<LOD	0	484.82	108.3	<LOD	14.11	NA		127.63	39.82	53.08	4.75	NA	
6-Jun-04	2D-24	87.91		1068.8	99.79	NA		<LOD	41.08	<LOD	0	<LOD	266.11	<LOD	12.61	NA		<LOD	97.92	<LOD	8.9	NA	
5-Jun-04	13C-06	112.61		<LOD	341.3	NA		<LOD	53.23	<LOD	0	<LOD	332.47	<LOD	14.99	NA		<LOD	119.57	<LOD	12.12	NA	
5-Jun-04	13A-12	108.44		569.3	113.76	NA		<LOD	52.54	<LOD	0	<LOD	322.9	<LOD	14.69	NA		<LOD	119.92	<LOD	12.56	NA	
6-Jun-04	1B-06	89.28		2761.64	121.43	NA		<LOD	40.7	<LOD	0	<LOD	267.37	<LOD	12.44	NA		<LOD	97.74	<LOD	8.68	NA	
7-Jun-04	14E-06	92.48		1147.08	103.13	NA		<LOD	40.72	<LOD	0	<LOD	270.86	<LOD	12.73	NA		<LOD	98.54	13.29	3.04	NA	
7-Jun-04	12A-06	87.76		824.71	95.57	NA		<LOD	40.05	<LOD	0	<LOD	264.33	<LOD	12.43	NA		<LOD	99.99	8.6	2.85	NA	
6-Jun-04	1C-06	89.78		3370	129.14	NA		45.69	14.41	<LOD	0	<LOD	272.18	<LOD	12.49	NA		<LOD	101.64	<LOD	8.6	NA	
6-Jun-04	4D-06	89.03		727.75	97.59	NA		<LOD	42.39	<LOD	0	<LOD	273.91	<LOD	12.78	NA		<LOD	103.14	20.92	3.21	NA	
6-Jun-04	1E-12	83.95		867.38	96.25	NA		<LOD	41.94	<LOD	0	<LOD	260.64	14.89	4.22	NA		<LOD	93.63	12.24	2.92	NA	
8-Jun-04	11C-12	87.34		894.72	97.27	NA		<LOD	42.37	<LOD	0	<LOD	271.98	<LOD	12.37	NA		<LOD	96.84	16.16	3.02	NA	
7-Jun-04	12E-24	84.55		884.35	94.89	NA		<LOD	39.95	<LOD	0	<LOD	261.66	<LOD	12.07	NA		<LOD	96.28	<LOD	8.32	NA	
7-Jun-04	16C-24	85.78		718.35	94.67	NA		<LOD	40.49	<LOD	0	<LOD	262.35	<LOD	12.06	NA		<LOD	97.75	<LOD	8.2	NA	
7-Jun-04	15D-06	86.1		837.47	97.74	NA		<LOD	41.92	<LOD	0	<LOD	272.41	<LOD	12.4	NA		<LOD	99.95	10.39	2.94	NA	
6-Jun-04	1A-24	87.65		946.57	95.92	NA		<LOD	38.96	<LOD	0	<LOD	260.3	<LOD	12.27	NA		120.43	33.21	12.53	2.88	NA	
8-Jun-04	7E-12	92.69		1221.26	108.47	NA		<LOD	45.29	<LOD	0	<LOD	277.93	<LOD	12.81	NA		<LOD	103.9	<LOD	8.77	NA	
6-Jun-04	1A-12	88.18		1040.02	98.12	NA		<LOD	40.2	<LOD	0	291.18	88.93	<LOD	12.26	NA		<LOD	93	11.16	2.87	NA	
5-Jun-04																							
5-Jun-04																							
6-Jun-04																							
6-Jun-04																							
7-Jun-04																							
7-Jun-04																							
8-Jun-04																							
8-Jun-04																							

Date	Sample ID	Sb	Sb +/-	Se	Se +/-	Sn	Sn +/-	Sr	Sr +/-	Ta	Ta +/-	Ti	Ti +/-	V	V +/-	W	W +/-	Zn	Zn +/-	Zr	Zr +/-	field1
5-Jun-04	13C-24	<LOD	108.86	<LOD	17.61	<LOD	95.3	7917.64	89.39	NA		3672.36	1083.57	NA		NA		<LOD	67.9	<LOD	32.36	HA-1001
5-Jun-04	13C-12	<LOD	112.01	<LOD	16.76	<LOD	97.74	5634.41	65.42	NA		3878.33	1065.63	NA		NA		<LOD	67.74	<LOD	27.52	HA-1001
5-Jun-04	13E-24	<LOD	111.72	<LOD	16.99	<LOD	97.54	4932.81	57.52	NA		<LOD	3048.26	NA		NA		<LOD	68.28	<LOD	25.88	HA-1001
5-Jun-04	13E-12	<LOD	121.64	<LOD	17.45	<LOD	106.28	2776.01	36.24	NA		5866.31	1126.37	NA		NA		<LOD	72.72	<LOD	21.08	HA-1001
5-Jun-04	13D-24	<LOD	104.63	<LOD	17.02	<LOD	91.45	7202.29	79.48	NA		4910.25	1010.04	NA		NA		<LOD	65.96	<LOD	30.15	HA-1001
5-Jun-04	13D-12	<LOD	112.64	<LOD	17.85	131.65	32.78	5945.52	68.37	NA		5012.95	1076.31	NA		NA		<LOD	68.15	<LOD	28.22	HA-1001
5-Jun-04	13D-06	<LOD	112.15	<LOD	17.55	<LOD	98.13	6283.04	72.66	NA		<LOD	3223.44	NA		NA		<LOD	69.84	<LOD	28.66	HA-1001
5-Jun-04	13B-24	<LOD	83.77	<LOD	12.66	<LOD	72.86	570.5	9.24	NA		5143.42	792.2	NA		NA		<LOD	47.2	100.92	4.44	HA-1001
5-Jun-04	13B-12	<LOD	83.82	<LOD	12.83	<LOD	72.98	575.49	9.29	NA		2990.27	747.54	NA		NA		<LOD	49.84	117.1	4.58	HA-1001
5-Jun-04	13B-06	<LOD	88.48	<LOD	13.2	<LOD	77.36	638.71	10.21	NA		4944.18	822.15	NA		NA		<LOD	51.03	127.5	4.88	HA-1001
5-Jun-04	13A-24	<LOD	103.55	<LOD	16.33	<LOD	90.09	5571.6	61.68	NA		4320.53	1011.47	NA		NA		<LOD	64.61	<LOD	26.51	HA-1001
5-Jun-04	9A-24	<LOD	111.57	<LOD	16.85	<LOD	97.35	5439.76	62.97	NA		5395.77	1071.57	NA		NA		<LOD	65.07	<LOD	27.02	HA-1001
5-Jun-04	9A-12	<LOD	154.12	<LOD	21.17	<LOD	134.79	5249.73	75.15	NA		3795.52	1258.17	NA		NA		<LOD	93.87	<LOD	31.15	HA-1001
5-Jun-04	9A-06	<LOD	115.24	<LOD	18.53	<LOD	101.13	6669.81	78.28	NA		3672.59	1122.06	NA		NA		<LOD	71.12	<LOD	30.47	HA-1001
5-Jun-04	9B-24	<LOD	88	<LOD	13.08	<LOD	76.69	636.52	10.04	NA		3781.36	826.84	NA		NA		<LOD	51.91	109.22	4.67	HA-1001
5-Jun-04	9B-12	<LOD	89.24	<LOD	12.8	<LOD	77.64	667.5	10.49	NA		4470.18	816.77	NA		NA		<LOD	52.47	102.62	4.71	HA-1001
5-Jun-04	9D-24	<LOD	101.96	<LOD	15.94	<LOD	88.89	5395.6	59.27	NA		4477.36	980.43	NA		NA		<LOD	65.13	<LOD	26.26	HA-1001
5-Jun-04	9D-12	<LOD	126.84	<LOD	18.67	112	36.84	4820.14	60.79	NA		3983.17	1128.67	NA		NA		<LOD	76.28	<LOD	27.21	HA-1001
5-Jun-04	9D-06	<LOD	111.6	<LOD	17.9	<LOD	97.97	6827.17	78.5	NA		5771.22	1128.75	NA		NA		<LOD	71.92	<LOD	30.47	HA-1001
5-Jun-04	9E-24	<LOD	86.66	<LOD	13.11	<LOD	75.65	606.07	9.71	NA		3567.25	781.08	NA		NA		<LOD	50.21	105.67	4.59	HA-1001
5-Jun-04	9E-12	<LOD	87.67	<LOD	12.96	<LOD	76.47	597.77	9.65	NA		3687.76	787.22	NA		NA		<LOD	50.62	118.18	4.68	HA-1001
5-Jun-04	9E-06	<LOD	87.19	<LOD	13.13	<LOD	75.89	696.61	10.65	NA		3832.27	800.02	NA		NA		<LOD	51.49	133.81	4.95	HA-1001
5-Jun-04	9C-24	<LOD	85.99	<LOD	12.93	<LOD	74.92	600.66	9.64	NA		3105.27	778.86	NA		NA		<LOD	49.05	118.11	4.67	HA-1001
5-Jun-04	9C-12	<LOD	84.74	<LOD	12.49	<LOD	73.86	591.27	9.48	NA		2713.74	767.28	NA		NA		<LOD	49.16	102.05	4.49	HA-1001
5-Jun-04	9C-06	89.66	29.24	<LOD	13.02	<LOD	76.64	603.5	9.72	NA		5658.82	808.64	NA		NA		<LOD	51.3	147.13	4.94	HA-1001
5-Jun-04	5A-24	<LOD	124.11	<LOD	18.89	<LOD	107.94	6332.94	77.05	NA		<LOD	3336.52	NA		NA		<LOD	74.16	<LOD	30.18	HA-1001
5-Jun-04	5A-06	<LOD	106.95	<LOD	16.44	<LOD	93.51	5584.37	63.05	NA		<LOD	3056.42	NA		NA		<LOD	69.53	<LOD	27.25	HA-1001
5-Jun-04	5D-24	<LOD	111.7	<LOD	17.33	<LOD	97.24	5879.56	67.71	NA		3436.79	1071.45	NA		NA		<LOD	69.72	<LOD	28.2	HA-1001
5-Jun-04	5D-12	<LOD	113.81	<LOD	16.62	<LOD	99.54	4155.97	49.74	NA		3416.99	1036.76	NA		NA		<LOD	70.07	<LOD	24.35	HA-1001
5-Jun-04	5E-24	<LOD	109.95	<LOD	17.76	<LOD	95.83	5036.99	58.09	NA		5324.14	1032.72	NA		NA		<LOD	69.92	<LOD	25.91	HA-1001
5-Jun-04	5C-24	<LOD	113.09	<LOD	18.56	<LOD	98.57	7685.06	88.35	NA		<LOD	3240.62	NA		NA		<LOD	72.95	<LOD	32.15	HA-1001
5-Jun-04	5C12	<LOD	118.98	<LOD	18.82	<LOD	103.82	5988.56	71.24	NA		3431.99	1080.98	NA		NA		<LOD	74.33	<LOD	28.89	HA-1001
6-Jun-04		<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	NA		NA		<LOD	0	<LOD	0	HA-1001
6-Jun-04	1C-24	<LOD	85.69	<LOD	13.33	102.5	24.93	603.91	9.66	NA		4336.11	791.31	NA		NA		<LOD	51.41	110.53	4.61	HA-1001
6-Jun-04	1C-12	<LOD	85.91	<LOD	13.35	95.62	25.02	608.59	9.72	NA		3107.59	792.22	NA		NA		<LOD	52.08	121.56	4.71	HA-1001
6-Jun-04	1A-06	<LOD	88.91	<LOD	12.95	<LOD	78.05	654.56	10.37	NA		<LOD	2396.41	NA		NA		<LOD	53.46	123.69	4.88	HA-1001
6-Jun-04	1B-24	<LOD	87.74	<LOD	13.1	<LOD	76.77	590.42	9.65	NA		4007.74	792.5	NA		NA		<LOD	52.9	131.93	4.83	HA-1001
6-Jun-04	1B-12	<LOD	86.16	<LOD	12.9	<LOD	75.39	615.49	9.79	NA		2780.41	767.75	NA		NA		<LOD	50.2	166.17	5.08	HA-1001
6-Jun-04	1D-24	<LOD	106.34	<LOD	17.45	<LOD	92.88	6457.06	72.1	NA		3461.4	1026.65	NA		NA		<LOD	65.22	<LOD	28.97	HA-1001
6-Jun-04	1D-12	<LOD	107.84	<LOD	17.32	<LOD	94.39	4936.26	56.52	NA		4059.06	1047.65	NA		NA		<LOD	68.86	<LOD	26.04	HA-1001
6-Jun-04	1D-06	<LOD	110.04	<LOD	16.89	<LOD	96.16	6398.25	72.99	NA		<LOD	3065.24	NA		NA		<LOD	72.74	<LOD	29.5	HA-1001
6-Jun-04	1E-24	<LOD	86.89	<LOD	13.33	<LOD	75.71	619.92	9.89	NA		4264.11	775.15	NA		NA		<LOD	51.59	116.71	4.71	HA-1001
6-Jun-04	2A-24	<LOD	86.2	<LOD	13.08	<LOD	75	661.97	10.25	NA		3661.91	787.18	NA		NA		<LOD	51.88	106.58	4.65	HA-1001
6-Jun-04	2A-12	<LOD	87.4	<LOD	13.08	<LOD	76.08	625.38	9.98	NA		3642.7	799.05	NA		NA		<LOD	51.45	139.07	4.92	HA-1001
6-Jun-04	2E-24	<LOD	85.94	<LOD	12.9	<LOD	74.78	656.68	10.17	NA		4484.98	772.85	NA		NA		<LOD	51.14	110.63	4.67	HA-1001
6-Jun-04	2E-12	<LOD	86.27	14.06	4.53	<LOD	75.17	652.05	10.15	NA		2363.86	779.72	NA		NA		<LOD	50.42	111.12	4.68	HA-1001
6-Jun-04	2C-24	<LOD	108.86	<LOD	17.22	<LOD	95.13	5192.72	59.51	NA		3407.6	1008.59	NA		NA		<LOD	63.94	<LOD	26.24	HA-1001
6-Jun-04	2C-12	<LOD	84.99	<LOD	12.53	<LOD	74.04	674.96	10.23	NA		2293.55	754.45	NA		NA		<LOD	50.93	115.45	4.67	HA-1001
6-Jun-04		<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	NA		NA		<LOD	0	<LOD	0	HA-1001
6-Jun-04	3A-24	<LOD	91.99	<LOD	13.51	<LOD	80.11	657.2	10.53	NA		4269.31	827.84	NA		NA		<LOD	52.66	122.61	4.94	HA-1001
6-Jun-04	3A-12	<LOD	91	<LOD	13.66	<LOD	79.33	650.54	10.42	NA		3146.77	804.45	NA		NA		<LOD	52.25	100.57	4.72	HA-1001
6-Jun-04	3A-06	<LOD	92.66	<LOD	14.05	<LOD	81.27	749.59	11.45	NA		3762.07	848.62	NA		NA		<LOD	55.12	95.65	4.83	HA-1001
6-Jun-04	3B-24	<LOD	87.19	<LOD	12.07	<LOD	76.15	614.48	9.85	NA		2608.98	790.07	NA		NA		<LOD	51.56	97.89	4.56	HA-1001
6-Jun-04	3B-12	<LOD	88.84	<LOD	13.18	<LOD	77.31	663.27	10.36	NA		3622.8	810.96	NA		NA		<LOD	50.86	93.71	4.6	HA-1001
6-Jun-04	3B-06	<LOD	90.35	<LOD	13.31	<LOD	78.5	692.91	10.79	NA		3942.35	824.98	NA		NA		<LOD	55.06	107.53	4.81	HA-1001
6-Jun-04	3D-24	<LOD	85.96	<LOD	13.22	<LOD	75.02	631.97	9.92	NA		3124.89	784.26	NA		NA		<LOD	50.96	78.94	4.38	HA-1001
6-Jun-04	3D-12	<LOD	88.57	<LOD	13.35	<LOD	77.18	658.71	10.36	NA		4322.15	832.35	NA		NA		<LOD	52.88	95.88	4.63	HA-1001
6-Jun-04	3D-06	<LOD	87.99	<LOD	12.41	<LOD	76.62	661.47	10.29	NA		3171.01	799	NA		NA		<LOD	52.78	126.14	4.83	HA-1001
6-Jun-04	3E-24	<LOD	88.7	<LOD	13.15	<LOD	77.67	691.98	10.73	NA		3249.52	805.34	NA		NA		<LOD	52.29	98.31	4.71	HA-1001
6-Jun-04	3E-12	<LOD	87	<LOD	12.89	<LOD	75.49	643.71	10.09	NA		4257.31	808.12	NA		NA		<LOD	52.86	100.61	4.59	HA-1001
6-Jun-04	3E-06	<LOD	92.51	<LOD	13.85	<LOD	80.47	722.11	11.2	NA		4358.51	843.59	NA		NA		<LOD	54.32	95.59	4.8	HA-1001
6-Jun-04	3C-24	117.45	28.92	<LOD	12.95	<LOD	75.61	620.3	9.91	NA		2794.63	789.26	NA		NA		<LOD	51.04	138.54	4.9	HA-1001
6-Jun-04	3C-12	<LOD	87.65	<LOD	13.37	<LOD	76.41	657.22	10.31	NA		3651.91	820.69	NA		NA		<LOD	51.56	107.01	4.7	HA-1001
6-Jun-04	3C-06	<LOD	90.78	<LOD	13.89	<LOD	78.97	673.26	10.59	NA		2430.97	810.1	NA		NA		<LOD	53.02	109.02	4.8	HA-1001
6-Jun-04	4A-24	<LOD	86.68	<LOD	12.94	<LOD	75.63	613.19	9.78	NA		2932.84	774.17	NA		NA		<LOD	49.77	83.32	4.41	HA-1001

Date	Sample ID	Sb	Sb +/-	Se	Se +/-	Sn	Sn +/-	Sr	Sr +/-	Ta	Ta +/-	Ti	Ti +/-	V	V +/-	W	W +/-	Zn	Zn +/-	Zr	Zr +/-	field1
6-Jun-04	4A-12	<LOD	87.38	<LOD	12.63	<LOD	76.26	633.56	9.98	NA		2923.44	782.67	NA		NA		<LOD	52.18	117.19	4.71	HA-1001
6-Jun-04	4A-06	<LOD	89.88	<LOD	13.21	<LOD	78.17	674.5	10.54	NA		3301.78	781.12	NA		NA		<LOD	53.93	100.89	4.7	HA-1001
6-Jun-04	4B-24	<LOD	86.81	<LOD	13.23	<LOD	75.59	641.11	10.07	NA		4461.04	807.23	NA		NA		<LOD	49.26	114.07	4.7	HA-1001
6-Jun-04	4B-12	<LOD	88.37	<LOD	13.41	<LOD	77.09	641.61	10.13	NA		3606.86	807.94	NA		NA		<LOD	52.09	133.26	4.89	HA-1001
6-Jun-04	4D-24	<LOD	84	<LOD	12.33	<LOD	73.16	656.37	10.04	NA		3626.88	785.11	NA		NA		<LOD	49.3	100.96	4.53	HA-1001
6-Jun-04	4D-12	<LOD	87.09	<LOD	13.01	<LOD	75.81	698.37	10.65	NA		4019.4	791.23	NA		NA		<LOD	51.38	92.52	4.61	HA-1001
6-Jun-04	4E-24	126.88	28.17	<LOD	12.56	<LOD	73.8	594.25	9.44	NA		2635.39	759.92	NA		NA		<LOD	50.29	124.11	4.64	HA-1001
6-Jun-04	4E-12	<LOD	86.11	<LOD	12.78	<LOD	75.32	604.55	9.7	NA		<LOD	2346.37	NA		NA		<LOD	51.63	132.27	4.8	HA-1001
6-Jun-04	4C-24	<LOD	88.57	<LOD	13.21	<LOD	77.24	619.27	9.97	NA		3393.45	816.94	NA		NA		<LOD	52.26	99.52	4.61	HA-1001
6-Jun-04	4C-12	<LOD	87.56	<LOD	12.8	83.97	25.49	635.96	10.02	NA		4052.46	786.96	NA		NA		<LOD	51.54	109.58	4.66	HA-1001
6-Jun-04	4C-06	<LOD	90.12	<LOD	13.45	<LOD	78.56	671.58	10.5	NA		5025.73	833.04	NA		NA		<LOD	53.56	95.6	4.65	HA-1001
7-Jun-04		<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	NA		NA		<LOD	0	<LOD	0	HA-1001
7-Jun-04	16E-24	<LOD	97.75	<LOD	14.69	118.01	28.55	674.95	11.1	NA		4081.9	926.9	NA		NA		<LOD	57.38	65.53	4.67	HA-1001
7-Jun-04	16E-12	97.19	29.9	<LOD	13.25	<LOD	78.14	672.62	10.58	NA		2932.58	799.21	NA		NA		<LOD	53.44	68.78	4.47	HA-1001
7-Jun-04	16E-06	<LOD	87.72	<LOD	13.04	<LOD	76.4	628.05	9.99	NA		3699.24	808.97	NA		NA		<LOD	53.15	88.98	4.51	HA-1001
7-Jun-04	16A-24	115.63	31.06	<LOD	13.66	<LOD	81.13	634.83	10.36	NA		3483.09	823.93	NA		NA		<LOD	54.97	108.11	4.82	HA-1001
7-Jun-04	16A-12	<LOD	90.74	<LOD	13.91	<LOD	79.11	681.49	10.72	NA		2446.62	808.5	NA		NA		<LOD	54.72	91.86	4.69	HA-1001
7-Jun-04	16D-24	<LOD	90.78	<LOD	13.55	<LOD	79.26	632.51	10.21	NA		3092.53	800.16	NA		NA		<LOD	53.04	102.3	4.7	HA-1001
7-Jun-04	16D-12	<LOD	91.49	<LOD	13.72	<LOD	79.92	664.08	10.57	NA		4862.3	829.04	NA		NA		<LOD	54.73	110.19	4.83	HA-1001
7-Jun-04	16B-24	<LOD	89.53	<LOD	13.11	<LOD	78.23	663.87	10.46	NA		2593.61	784.99	NA		NA		<LOD	53.72	89.31	4.61	HA-1001
7-Jun-04	16B-12	<LOD	89.41	<LOD	13.24	<LOD	78.12	687.23	10.67	NA		3430.79	818.99	NA		NA		<LOD	54.39	88.81	4.63	HA-1001
7-Jun-04	16B-06	<LOD	86.21	<LOD	13.4	87.1	25.22	988.09	13.27	NA		4287.88	799.12	NA		NA		<LOD	52.04	97.02	4.92	HA-1001
7-Jun-04	16C-12	<LOD	86.44	<LOD	13.46	<LOD	75.36	627.03	9.86	NA		2606	789.44	NA		NA		<LOD	52.83	94.04	4.49	HA-1001
7-Jun-04	16C-06	<LOD	86.66	<LOD	12.95	<LOD	75.61	654.5	10.2	NA		3590.6	789.3	NA		NA		<LOD	51.94	80.04	4.45	HA-1001
7-Jun-04	12D-24	<LOD	97.06	<LOD	15.68	<LOD	84.68	5533.49	59.15	NA		2833.13	909.91	NA		NA		<LOD	61.84	<LOD	26.33	HA-1001
7-Jun-04	12D-12	<LOD	87.69	<LOD	13.49	<LOD	76.26	705.85	10.68	NA		2534.45	777.96	NA		NA		<LOD	51.91	96.11	4.63	HA-1001
7-Jun-04	12A-24	<LOD	107.44	<LOD	17.07	<LOD	94.04	5477.23	62.13	NA		3555.64	965.14	NA		NA		<LOD	68.2	<LOD	27.17	HA-1001
7-Jun-04	12A-12	<LOD	87.29	<LOD	12.67	<LOD	76.25	636.92	10	NA		2664.7	764.53	NA		NA		<LOD	51.86	107.3	4.63	HA-1001
7-Jun-04	12E-12	<LOD	88.84	<LOD	13.66	<LOD	77.66	671.94	10.5	NA		2949.03	795.97	NA		NA		<LOD	53.33	98.25	4.67	HA-1001
7-Jun-04	12E-06	<LOD	90.56	16.28	4.73	<LOD	78.77	710.37	10.96	NA		3883.46	809.59	NA		NA		<LOD	54.04	92.07	4.7	HA-1001
7-Jun-04	12B-24	<LOD	114.01	<LOD	19.04	<LOD	99.32	7885.43	90.52	NA		<LOD	3175.06	NA		NA		219.9	29.02	<LOD	32.81	HA-1001
7-Jun-04	12B-12	<LOD	86.56	<LOD	13.27	<LOD	75.52	794.79	11.46	NA		3169.96	783.23	NA		NA		<LOD	52.18	95.12	4.69	HA-1001
7-Jun-04	12C-12	<LOD	86.95	<LOD	13.3	<LOD	75.81	641.26	10.09	NA		2969.23	775.23	NA		NA		<LOD	51.99	115.34	4.72	HA-1001
7-Jun-04	12C-06	<LOD	87.19	<LOD	13.3	<LOD	75.97	630.94	10.01	NA		2443.1	790.76	NA		NA		<LOD	52.44	137.97	4.9	HA-1001
7-Jun-04	8E-12	<LOD	86.56	<LOD	13.54	<LOD	75.64	679.62	10.44	NA		2878.65	772.97	NA		NA		<LOD	53.3	129.93	4.87	HA-1001
7-Jun-04	8E-06	<LOD	88.36	<LOD	13.06	<LOD	77.1	658.7	10.34	NA		2960.19	780.42	NA		NA		<LOD	51.81	111.21	4.74	HA-1001
7-Jun-04	8D-12	126.97	29.26	<LOD	12.99	<LOD	76.7	626.14	10	NA		4308.2	810.16	NA		NA		<LOD	52.75	127.61	4.83	HA-1001
7-Jun-04	8D-06	<LOD	86.08	13.87	4.5	<LOD	75.13	661.59	10.18	NA		2313.4	766.61	NA		NA		60.82	17.74	93.03	4.52	HA-1001
7-Jun-04	8B-24	<LOD	89.54	<LOD	13.59	<LOD	78.06	656.92	10.39	NA		4611.16	803.61	NA		NA		<LOD	54.5	99.13	4.68	HA-1001
7-Jun-04	8B-12	<LOD	100.03	<LOD	14.11	<LOD	87.32	590.67	10.25	NA		3849.49	834.05	NA		NA		<LOD	57.04	102.51	4.89	HA-1001
7-Jun-04	8B-06	<LOD	99.26	<LOD	15.66	<LOD	86.49	5478.23	59.18	NA		3121.79	945.41	NA		NA		<LOD	59.35	<LOD	26.1	HA-1001
7-Jun-04	8A-24	<LOD	103.53	<LOD	17.21	<LOD	90.21	5695.31	62.95	NA		3460.7	979.82	NA		NA		<LOD	64.65	<LOD	26.86	HA-1001
7-Jun-04	8A-12	<LOD	89.26	<LOD	13.45	<LOD	77.89	628.37	10.07	NA		3496.89	787.9	NA		NA		<LOD	53.24	91.36	4.56	HA-1001
7-Jun-04	8A-06	<LOD	89.12	<LOD	13.29	<LOD	77.62	671.71	10.53	NA		3022.91	806.74	NA		NA		<LOD	53.66	118.17	4.85	HA-1001
7-Jun-04	8C-12	<LOD	88.14	<LOD	13.46	<LOD	77.04	674.45	10.5	NA		3408.22	800.08	NA		NA		<LOD	51.85	100.72	4.68	HA-1001
7-Jun-04	15A-24	<LOD	91.9	<LOD	13.58	<LOD	80.14	687.42	10.84	NA		3567.83	832.25	NA		NA		<LOD	54.38	43.9	4.34	HA-1001
7-Jun-04	15A-12	<LOD	97.32	<LOD	14.26	<LOD	84.79	1540.51	19.62	NA		4346.88	877.45	NA		NA		<LOD	54.97	81.81	5.74	HA-1001
7-Jun-04	15B-24	<LOD	83.75	<LOD	12.86	<LOD	73.19	596.62	9.5	NA		3464.28	782.48	NA		NA		<LOD	51.42	115.75	4.59	HA-1001
7-Jun-04	15B-12	<LOD	85.79	<LOD	13.3	<LOD	74.69	596.56	9.54	NA		2849.65	790.93	NA		NA		<LOD	50.08	118.62	4.64	HA-1001
7-Jun-04	15B-06	<LOD	90.47	<LOD	13.48	<LOD	79.01	717.24	11.05	NA		3688.24	832.94	NA		NA		<LOD	54.86	98.92	4.78	HA-1001
7-Jun-04	15D-24	<LOD	83.14	<LOD	12.68	<LOD	72.47	1017.17	13.35	NA		<LOD	2251.61	NA		NA		<LOD	49.9	69.61	4.69	HA-1001
7-Jun-04	15D-12	<LOD	86.45	<LOD	12.52	<LOD	75.5	634.25	9.99	NA		2616.55	791.26	NA		NA		<LOD	51.34	116.2	4.7	HA-1001
7-Jun-04	15E-12	<LOD	91.29	<LOD	13.95	<LOD	79.9	713.38	11.04	NA		3562.84	844.75	NA		NA		<LOD	54.2	67.46	4.54	HA-1001
7-Jun-04	15C-24	<LOD	99.47	<LOD	15.63	<LOD	86.43	5941.77	63.98	NA		4131.78	963.9	NA		NA		<LOD	64.36	<LOD	27.02	HA-1001
7-Jun-04	15C-12	<LOD	87.24	<LOD	12.8	<LOD	76.08	676.74	10.46	NA		3683.13	817.51	NA		NA		<LOD	51.83	107.26	4.71	HA-1001
7-Jun-04	15C-06	108.91	31.12	<LOD	13.43	<LOD	81.14	678.97	10.83	NA		<LOD	2525.45	NA		NA		<LOD	55.96	87.39	4.71	HA-1001
7-Jun-04	14A-24	<LOD	93.33	<LOD	14.47	<LOD	81.42	4409.66	46.71	NA		2973.08	894.37	NA		NA		<LOD	58.35	<LOD	22.99	HA-1001
7-Jun-04	14A-12	<LOD	87.91	<LOD	12.3	<LOD	76.63	587.65	9.65	NA		3151.28	811.46	NA		NA		<LOD	52.3	96.16	4.54	HA-1001
7-Jun-04	14A-06	<LOD	91.33	<LOD	13.33	<LOD	79.7	671.73	10.65	NA		4380.35	852.63	NA		NA		<LOD	54.26	81.92	4.61	HA-1001
7-Jun-04	14D-24	<LOD	90.2	<LOD	13.43	<LOD	78.65	669.78	10.57	NA		3634.74	838.11	NA		NA		<LOD	51.53	63.01	4.42	HA-1001
7-Jun-04	14D-12	<LOD	91.28	<LOD	13.32	82	26.57	677.57	10.72	NA		4397.8	844.16	NA		NA		<LOD	52.28	95.53	4.73	HA-1001
7-Jun-04	14E-24	<LOD	96.32	<LOD	13.44	<LOD	83.99	693.81	11.09	NA		3454.29	830.18	NA		NA		<LOD	56.95	102.78	4.91	HA-1001
7-Jun-04	14E-12	<LOD	88.89	<LOD	12.69	<LOD	77.68	635.95	10.16	NA		4612.77	814.57	NA		NA		<LOD	52.75	117.55	4.79	HA-1001
7-Jun-04	14C-24	<LOD	86.91	<LOD	12.96	<LOD	75.74	580.58	9.5	NA		4427.73	796.1	NA		NA		<LOD	50.8	141.75	4.87	HA-1001
7-Jun-04	14C-12	<LOD	87.06	<LOD	12.95	<LOD	76.17	630.55	9.99	NA		3732.41	788.5	NA		NA		<LOD	50.85	89.32	4.5	HA-1001

Date	Sample ID	Sb	Sb +/-	Se	Se +/-	Sn	Sn +/-	Sr	Sr +/-	Ta	Ta +/-	Ti	Ti +/-	V	V +/-	W	W +/-	Zn	Zn +/-	Zr	Zr +/-	field1
8-Jun-04	6B-12	<LOD	92.78	<LOD	14.25	<LOD	81.18	795.61	11.95	NA		2885.87	817.42	NA		NA		<LOD	54.96	127.44	5.16	HA-1001
8-Jun-04	6A-24	<LOD	107.22	<LOD	17.98	<LOD	93.9	5976.13	67.47	NA		3360.72	1025.78	NA		NA		<LOD	69.88	<LOD	28.26	HA-1001
8-Jun-04	6A-12	<LOD	113.9	<LOD	17.29	<LOD	99.39	4698.18	55.53	NA		<LOD	3090.13	NA		NA		<LOD	66.72	<LOD	25.85	HA-1001
8-Jun-04	10A-24	<LOD	103.91	<LOD	16.91	<LOD	90.41	5090.68	56.69	NA		<LOD	2860.04	NA		NA		<LOD	67.49	<LOD	25.99	HA-1001
8-Jun-04	10B-24	<LOD	119.32	<LOD	18.56	<LOD	104.1	4991.91	60.75	NA		<LOD	3155.88	NA		NA		<LOD	72.29	<LOD	27.54	HA-1001
8-Jun-04	10B-12	<LOD	105.19	<LOD	17.72	<LOD	91.74	6227.09	69.13	NA		4921.37	1001.51	NA		NA		<LOD	66.55	<LOD	28.88	HA-1001
8-Jun-04	10D-24	<LOD	116.38	<LOD	18.01	<LOD	101.65	5463.9	64.48	NA		3910.09	1054.42	NA		NA		<LOD	70.77	<LOD	28.04	HA-1001
8-Jun-04	10E-24	<LOD	95.14	<LOD	15.81	<LOD	82.91	4989.33	52.8	NA		2897.62	896.17	NA		NA		<LOD	57.01	<LOD	24.66	HA-1001
8-Jun-04	10C-24	<LOD	119.41	<LOD	18.01	<LOD	104.17	4773.91	57.81	NA		<LOD	3227.45	NA		NA		<LOD	74.29	<LOD	26.87	HA-1001
8-Jun-04	10C-12	128.37	38.34	<LOD	18.63	<LOD	100.46	6152.2	72.35	NA		<LOD	3213.24	NA		NA		<LOD	73.23	<LOD	30.06	HA-1001
8-Jun-04		<LOD	0	<LOD	0	<LOD	0	<LOD	0	NA		<LOD	0	NA		NA		<LOD	0	<LOD	0	HA-1001
8-Jun-04	7C-24	<LOD	92.37	<LOD	13.18	<LOD	81.03	640.58	10.42	NA		4124.83	843.89	NA		NA		<LOD	56.51	151.92	5.19	HA-1001
8-Jun-04	7A-24	<LOD	111.79	<LOD	17.92	<LOD	97.67	7969.94	91.34	NA		4087.93	1124.87	NA		NA		<LOD	71.58	<LOD	32.89	HA-1001
8-Jun-04	7A-12	115.25	31.1	<LOD	13.88	<LOD	81.07	665.21	10.72	NA		3809.13	841.49	NA		NA		<LOD	56.03	136.87	5.11	HA-1001
8-Jun-04	7B-24	<LOD	103.02	<LOD	14.84	<LOD	90.06	620.72	10.83	NA		4696.29	899.59	NA		NA		<LOD	59.85	110.32	5.11	HA-1001
8-Jun-04	7B-12	<LOD	97.74	<LOD	14.29	<LOD	85.26	640.55	10.65	NA		3991.42	865.39	NA		NA		<LOD	58.76	105.63	4.92	HA-1001
8-Jun-04	7D-24	<LOD	118	<LOD	17.93	<LOD	103.21	6211.68	73.99	NA		4087.06	1141.35	NA		NA		<LOD	74.2	<LOD	29.61	HA-1001
8-Jun-04	11E-24	<LOD	96.06	<LOD	13.93	<LOD	83.47	673.34	10.91	NA		3316.1	863.62	NA		NA		<LOD	56.19	70.69	4.63	HA-1001
8-Jun-04	11E-12	<LOD	99.17	17.73	5.06	<LOD	86.63	627.48	10.64	NA		3778.2	892.14	NA		NA		<LOD	57.11	84.96	4.78	HA-1001
8-Jun-04	11E-06	<LOD	90.83	<LOD	13.45	<LOD	79.08	692.4	10.83	NA		3217.45	822.52	NA		NA		<LOD	53.62	127.21	4.99	HA-1001
8-Jun-04	11D-24	<LOD	95.53	<LOD	13.34	<LOD	83.42	595.36	10.14	NA		4066.12	840.07	NA		NA		<LOD	57.4	93.35	4.73	HA-1001
8-Jun-04	11D-12	<LOD	89.66	<LOD	12.78	111.5	25.96	622.57	10.05	NA		4786.24	830.47	NA		NA		<LOD	51.81	109.74	4.73	HA-1001
8-Jun-04	11B-24	<LOD	91.61	<LOD	13.37	<LOD	80.2	645.26	10.41	NA		4144.45	842.45	NA		NA		<LOD	55.68	112.46	4.84	HA-1001
8-Jun-04	11B-12	<LOD	93.37	<LOD	14.35	<LOD	81.48	668.66	10.74	NA		3059.66	843.42	NA		NA		<LOD	55.52	91.93	4.74	HA-1001
5-Jun-04	5E06	<LOD	101.56	<LOD	22.47	93.18	29.68	3902.68	44.7	NA		3936.16	953.93	NA		NA		695.92	33.63	<LOD	24.17	HA-1001
8-Jun-04	10A-06	<LOD	93.28	<LOD	17.64	<LOD	81.13	2531.45	28.92	NA		2588.05	843.45	NA		NA		627.66	29.55	41.43	6.48	HA-1001
7-Jun-04	8D-24	181.98	31.97	<LOD	18.13	87.15	27.91	2503.92	29.11	NA		4778.77	907.38	NA		NA		680.69	30.96	56.2	6.63	HA-1001
6-Jun-04	2D-06	<LOD	104.14	<LOD	17.58	<LOD	90.92	3884.02	44.51	NA		3536.45	990.12	NA		NA		308.94	27.47	<LOD	23.72	HA-1001
8-Jun-04	11C-06	<LOD	101.02	<LOD	17.36	<LOD	88.36	2462.92	29.42	NA		<LOD	2747.63	NA		NA		301.31	26.1	67.78	6.79	HA-1001
5-Jun-04	5E12	<LOD	107.76	<LOD	18.87	<LOD	93.89	5835.09	65.85	NA		3408.18	1022.44	NA		NA		150.48	25.97	<LOD	27.61	HA-1001
8-Jun-04	6D-06	<LOD	93.59	<LOD	16.43	<LOD	81.94	2090.53	24.67	NA		5017.51	879.91	NA		NA		346.09	25.07	55.97	6.11	HA-1001
5-Jun-04	5C-06	<LOD	108.31	<LOD	18.62	<LOD	94.43	5113.9	58.66	NA		<LOD	3010.36	NA		NA		287.75	28.27	<LOD	26.45	HA-1001
6-Jun-04	2B-12	<LOD	96.96	<LOD	16.67	<LOD	84.81	2967.33	33.64	NA		4600.43	926.08	NA		NA		681.7	31.43	25.6	6.85	HA-1001
8-Jun-04	10E-12	<LOD	111.24	<LOD	18.6	<LOD	97.04	5570.72	64.49	NA		<LOD	3076.79	NA		NA		<LOD	75.7	<LOD	28.14	HA-1001
8-Jun-04	6D-24	<LOD	100.46	<LOD	17.05	585.92	30.3	5528.55	60.32	NA		<LOD	2841.98	NA		NA		132.09	24.09	<LOD	26.46	HA-1001
7-Jun-04	8C-24	<LOD	96.66	<LOD	16.19	<LOD	84.33	2526.92	29.08	NA		3813.21	865.82	NA		NA		373.01	26.04	42.06	6.46	HA-1001
8-Jun-04	6C-24	<LOD	108.63	<LOD	18.18	<LOD	94.97	5323.84	60.76	NA		4713.01	987.72	NA		NA		288.65	28.15	<LOD	27.04	HA-1001
8-Jun-04	6A-06	<LOD	108.21	<LOD	18.52	<LOD	94.43	5142.07	58.83	NA		3999.61	1006.31	NA		NA		215.53	26.97	<LOD	26.82	HA-1001
8-Jun-04	6D-12	<LOD	89.27	<LOD	14.68	<LOD	77.95	1550.12	18.92	NA		3574.26	813.94	NA		NA		183.9	21.36	82.53	5.56	HA-1001
7-Jun-04	15E-24	<LOD	112.51	<LOD	17.95	<LOD	98.18	3757.14	45.04	NA		4731.08	1041.3	NA		NA		150.05	25.81	<LOD	23.48	HA-1001
8-Jun-04	10B-06	137.37	33.01	<LOD	16.86	<LOD	86.19	3998.77	44.3	NA		3133.28	911.88	NA		NA		195.68	24.36	<LOD	23.35	HA-1001
5-Jun-04	13A-06	<LOD	96.16	<LOD	15.22	<LOD	83.91	1378.86	17.99	NA		3194.44	880.58	NA		NA		89.38	20.63	101.7	5.72	HA-1001
8-Jun-04	6C-06	<LOD	94.13	<LOD	14.91	84.29	27.29	1304.32	17.1	NA		<LOD	2527.53	NA		NA		<LOD	60.04	149.8	5.95	HA-1001
8-Jun-04	7C-12	<LOD	115.44	<LOD	17.85	<LOD	100.86	2629.83	33.46	NA		3084.53	1016.44	NA		NA		298.06	28.68	46.1	7.22	HA-1001
6-Jun-04	2E-06	<LOD	93.6	<LOD	14.55	<LOD	81.5	1547.32	19.36	NA		4701.1	852.35	NA		NA		311.91	24.05	79.59	5.66	HA-1001
8-Jun-04	11A-24	<LOD	105.59	<LOD	18.12	<LOD	92.39	5619.93	63.14	NA		3488.69	1032.29	NA		NA		148.1	25.6	<LOD	27.08	HA-1001
8-Jun-04	11A-06	<LOD	111.34	<LOD	18.47	<LOD	96.85	5935.04	68.47	NA		5777.03	1088.58	NA		NA		228.97	28.24	<LOD	28.4	HA-1001
8-Jun-04	7D-06	<LOD	106.12	<LOD	16.71	<LOD	92.76	2995.41	35.67	NA		3051.91	954.38	NA		NA		131.48	24.32	<LOD	21.08	HA-1001
8-Jun-04	7B-06	<LOD	94.91	<LOD	14.94	<LOD	82.66	891.69	13.11	NA		<LOD	2534.49	NA		NA		2096.69	46.7	129.94	5.38	HA-1001
6-Jun-04	2A-06	<LOD	102.8	<LOD	16.58	<LOD	89.31	3907.22	44.26	NA		<LOD	2923.56	NA		NA		114.5	23.59	49.4	7.98	HA-1001
8-Jun-04	6E-24	<LOD	101.93	<LOD	16.84	<LOD	88.56	4041.83	45.78	NA		4316.88	983.39	NA		NA		<LOD	63.6	<LOD	23.92	HA-1001
8-Jun-04	10D-06	113.53	32.32	<LOD	16.18	<LOD	84.56	2604.44	30.02	NA		4064.08	877.21	NA		NA		96.28	21.49	68.48	6.72	HA-1001
7-Jun-04	15A-06	<LOD	94.77	<LOD	14.9	<LOD	82.63	1344.64	17.52	NA		<LOD	2584.35	NA		NA		120.35	20.99	49.3	5.26	HA-1001
8-Jun-04	11A-12	<LOD	107.49	<LOD	17.3	<LOD	94.08	5965.62	67.52	NA		3484.72	1058.14	NA		NA		224.58	27.22	<LOD	28.04	HA-1001
8-Jun-04	6C-12	<LOD	97.53	<LOD	14.64	<LOD	84.9	1199.36	16.33	NA		2841.39	857.8	NA		NA		112.36	21.29	108.11	5.6	HA-1001
5-Jun-04	13E-06	<LOD	91.51	<LOD	13.95	<LOD	79.82	1021.99	14.07	NA		4458.75	831.62	NA		NA		<LOD	56.03	58.77	4.86	HA-1001
8-Jun-04	7D-12	<LOD	99.31	<LOD	14.91	106.33	28.99	2698.02	31.38	NA		3750.25	912.28	NA		NA		101.2	22.25	44.89	6.75	HA-1001
8-Jun-04	7E-06	<LOD	100.07	<LOD	14.38	<LOD	87.06	1611.84	20.68	NA		2950.69	903.96	NA		NA		77.79	21.32	88.44	5.97	HA-1001
7-Jun-04	8E-24	<LOD	88.66	<LOD	13.95	105.37	25.7	1366.41	16.99	NA		3663.21	784.41	NA		NA		141.04	20.1	77.05	5.26	HA-1001
8-Jun-04	10C-06	<LOD	111.77	<LOD	17.65	<LOD	97.73	4254.92	50.4	NA		<LOD	2936.45	NA		NA		<LOD	73.76	45.34	8.59	HA-1001
7-Jun-04	14D-06	<LOD	93.91	<LOD	14.33	<LOD	81.54	1324.48	17.16	NA		3778.74	869.74	NA		NA		64.32	19.61	59.03	5.26	HA-1001
5-Jun-04	5A-12	<LOD	107.04	<LOD	16.8	<LOD	93.49	4362.79	50.11	NA		3919.16	1026.78	NA		NA		178.9	25.57	<LOD	24.27	HA-1001
7-Jun-04	14B-24	<LOD	100.24	<LOD	15.76	<LOD	87.56	4368.04	48.25	NA		4345.33	996.26	NA		NA		<LOD	65.43	<LOD	23.84	HA-1001
6-Jun-04	4B-06	<LOD	89.03	<LOD	13.32	<LOD	77.53	855.58	12.3	NA		4159.01	805.37	NA		NA		417.42	24.31	101.61	4.92	HA-1001
6-Jun-04	1E-06	<LOD	98.57	<LOD	15.94	<LOD	86.22	2337.2	27.69	NA		3773.56	898.86	NA		NA		78.15	21.44	82.35	6.61	HA-1001

Date	Sample ID	Sb	Sb +/-	Se	Se +/-	Sn	Sn +/-	Sr	Sr +/-	Ta	Ta +/-	Ti	Ti +/-	V	V +/-	W	W +/-	Zn	Zn +/-	Zr	Zr +/-	field1
5-Jun-04	9B-06	97.68	30.13	<LOD	13.81	<LOD	78.75	817.97	12.02	NA		4457.06	857.11	NA		NA		66.29	18.8	114.28	5.02	HA-1001
8-Jun-04	10E-06	<LOD	93.27	<LOD	14.7	<LOD	81.48	1471.85	18.57	NA		2634.55	843.87	NA		NA		<LOD	57.98	70.59	5.49	HA-1001
8-Jun-04	6B-06	<LOD	97.31	<LOD	15.47	<LOD	85.04	2992.73	34.13	NA		5249.33	928.58	NA		NA		<LOD	61.68	25.07	6.9	HA-1001
7-Jun-04	8C-06	<LOD	90.56	<LOD	13.85	<LOD	79.07	971.24	13.53	NA		2725.08	822.36	NA		NA		<LOD	55.11	106.66	5.14	HA-1001
8-Jun-04	7C-06	<LOD	104.33	<LOD	15.32	<LOD	90.83	2371.58	28.88	NA		3623.15	939.91	NA		NA		<LOD	66.03	47.34	6.6	HA-1001
7-Jun-04	14B-12	<LOD	95.7	<LOD	14.42	<LOD	83.42	2564.74	29.37	NA		3963.73	880.02	NA		NA		<LOD	58.06	32.69	6.42	HA-1001
8-Jun-04	11C-24	<LOD	86.85	<LOD	13.15	<LOD	75.75	646.02	10.14	NA		<LOD	2339.29	NA		NA		<LOD	51.87	110.03	4.69	HA-1001
6-Jun-04	2B-24	<LOD	87.48	<LOD	13.34	<LOD	76.23	1192.64	15.36	NA		3159.97	803.23	NA		NA		125.35	19.63	84.43	5.12	HA-1001
7-Jun-04	14B-06	<LOD	98.66	<LOD	14.95	<LOD	86.14	2615.93	30.23	NA		3889.41	918.84	NA		NA		80.1	21.4	64.63	6.71	HA-1001
6-Jun-04	2D-12	<LOD	89.2	<LOD	13.79	<LOD	77.53	1049.24	14.2	NA		2721.08	812.06	NA		NA		62.81	18.77	138.53	5.43	HA-1001
7-Jun-04	14C-06	<LOD	92.64	<LOD	14.11	<LOD	80.55	1364.02	17.43	NA		2558.61	832.4	NA		NA		<LOD	57.09	46.94	5.18	HA-1001
5-Jun-04	5D-06	<LOD	111.77	<LOD	18.14	<LOD	98	6470.82	74.65	NA		4140.97	1090.11	NA		NA		<LOD	74.19	<LOD	29.71	HA-1001
8-Jun-04	6E-12	139.15	30.54	<LOD	15.06	80.52	26.75	3962.96	42.1	NA		3835.38	888.84	NA		NA		<LOD	61.12	<LOD	22.1	HA-1001
7-Jun-04	15E-06	<LOD	92.16	<LOD	14.27	<LOD	80.51	1114.86	15.03	NA		3716.31	842.6	NA		NA		<LOD	56.79	90.87	5.21	HA-1001
8-Jun-04	6B-24	<LOD	113.34	<LOD	18.23	131.45	33.04	5817.82	67.74	NA		3938.96	1054.35	NA		NA		<LOD	75.66	<LOD	28.19	HA-1001
7-Jun-04	16D-06	<LOD	88.79	14.6	4.71	<LOD	77.52	824.96	11.98	NA		3151.37	781.85	NA		NA		112.2	19.43	90.37	4.79	HA-1001
5-Jun-04	5B-12	116.52	36.51	<LOD	16.67	<LOD	95.48	5830.3	66.21	NA		4615.68	1017.8	NA		NA		<LOD	70.45	<LOD	27.95	HA-1001
8-Jun-04	11B-06	<LOD	93.78	<LOD	14.03	<LOD	81.84	1179.8	15.8	NA		4104.99	871.49	NA		NA		<LOD	58.02	95.82	5.37	HA-1001
8-Jun-04	11D-06	<LOD	100.34	<LOD	15.66	<LOD	87.55	3423.2	38.89	NA		3640.66	926.65	NA		NA		<LOD	66.1	<LOD	21.91	HA-1001
6-Jun-04	2B-06	<LOD	90.61	<LOD	14.23	<LOD	79.02	816.86	12.05	NA		3128.85	802.92	NA		NA		93.64	19.48	182.73	5.58	HA-1001
6-Jun-04	2C-06	<LOD	89.12	<LOD	13.31	<LOD	78	1338.96	16.89	NA		2854.97	815.47	NA		NA		<LOD	55.7	111.87	5.52	HA-1001
5-Jun-04	5B-24	<LOD	115.96	<LOD	18.02	<LOD	101.47	5680.43	67.31	NA		5868.53	1108.82	NA		NA		<LOD	73.27	<LOD	28.16	HA-1001
7-Jun-04	12B-06	99.39	30.48	<LOD	13.55	<LOD	79.56	775.53	11.65	NA		2580.87	797.34	NA		NA		80.26	19.21	128.33	5.1	HA-1001
8-Jun-04	6E06	<LOD	98.07	<LOD	15.09	<LOD	85.76	2244.72	26.62	NA		2941.33	882.57	NA		NA		<LOD	62.63	54.4	6.31	HA-1001
6-Jun-04	4E-06	<LOD	83.42	<LOD	12.11	<LOD	72.57	801.89	11.36	NA		3247.99	746.43	NA		NA		323.69	21.82	66.16	4.42	HA-1001
8-Jun-04	7A-06	<LOD	92.06	<LOD	14.23	<LOD	80.53	1183.15	15.72	NA		4069.53	834.23	NA		NA		69.98	19.64	89.74	5.29	HA-1001
8-Jun-04	7E-24	<LOD	107.12	<LOD	16.06	<LOD	94.02	4343.29	49.7	NA		3204.36	989.63	NA		NA		<LOD	69.13	<LOD	24.45	HA-1001
7-Jun-04	12C-24	<LOD	104.63	<LOD	17.1	<LOD	91.12	5255.73	58.69	NA		4667.1	981.35	NA		NA		73.91	23.58	<LOD	26.64	HA-1001
5-Jun-04	5B-06	<LOD	113.21	<LOD	18.28	<LOD	98.9	5436.2	63.82	NA		5722.58	1124.36	NA		NA		<LOD	73.09	<LOD	27.71	HA-1001
8-Jun-04	10A-12	<LOD	103.37	<LOD	17.22	<LOD	90.31	5502.49	60.66	NA		4027.88	987.39	NA		NA		84.47	23.58	<LOD	27.24	HA-1001
7-Jun-04	16A-06	<LOD	93.95	<LOD	14.08	<LOD	82.14	746.24	11.54	NA		4307.41	833.07	NA		NA		<LOD	54.92	96.32	4.89	HA-1001
7-Jun-04	12D-06	<LOD	102.08	<LOD	14.71	<LOD	89.17	875.74	13.34	NA		3308.62	866.49	NA		NA		<LOD	61.21	100.89	5.27	HA-1001
8-Jun-04	10D-12	<LOD	102.5	<LOD	17.08	<LOD	89.28	4332.59	48.63	NA		3418.88	961.39	NA		NA		<LOD	64.55	<LOD	24.6	HA-1001
6-Jun-04	2D-24	<LOD	88.78	<LOD	13.49	<LOD	77.37	1323.39	16.64	NA		3475.93	788.11	NA		NA		<LOD	53.2	107.73	5.44	HA-1001
5-Jun-04	13C-06	<LOD	110.8	<LOD	17.17	<LOD	96.74	5105.4	59.25	NA		4019.88	1050.59	NA		NA		<LOD	67.86	<LOD	26.5	HA-1001
5-Jun-04	13A-12	<LOD	105.93	<LOD	16.89	<LOD	92.19	5910.35	66.1	NA		3700.63	1036.47	NA		NA		<LOD	68.22	<LOD	27.77	HA-1001
6-Jun-04	1B-06	<LOD	89.08	<LOD	13.56	<LOD	77.72	815.25	11.9	NA		3007.48	820.03	NA		NA		<LOD	54.46	119.18	5.01	HA-1001
7-Jun-04	14E-06	<LOD	91.24	<LOD	13.77	124.96	26.67	824.16	12.16	NA		3778.02	839.83	NA		NA		<LOD	54.76	98.91	4.93	HA-1001
7-Jun-04	12A-06	<LOD	88.46	<LOD	13.2	<LOD	77.24	764.4	11.3	NA		3643.86	779.5	NA		NA		<LOD	53.13	105.06	4.79	HA-1001
6-Jun-04	1C-06	<LOD	89.47	<LOD	12.96	<LOD	78.05	721.26	11.02	NA		3649.65	819.48	NA		NA		<LOD	53.94	122.56	4.94	HA-1001
6-Jun-04	4D-06	<LOD	91.88	<LOD	13.55	<LOD	80	853.54	12.53	NA		4163.9	858.21	NA		NA		<LOD	53.32	96.04	4.97	HA-1001
6-Jun-04	1E-12	<LOD	88.58	<LOD	13.12	<LOD	77.26	644.09	10.23	NA		3803.11	803.08	NA		NA		<LOD	52.19	120.58	4.82	HA-1001
8-Jun-04	11C-12	114.78	29.67	<LOD	13.15	<LOD	77.63	661.94	10.45	NA		4089.2	816.43	NA		NA		<LOD	53.39	105.08	4.74	HA-1001
7-Jun-04	12E-24	<LOD	86.7	14.36	4.55	<LOD	75.67	651.61	10.17	NA		3330.44	779.59	NA		NA		<LOD	51	80.42	4.44	HA-1001
7-Jun-04	16C-24	<LOD	88.83	<LOD	13.53	<LOD	77.52	667.92	10.46	NA		<LOD	2403.97	NA		NA		<LOD	53.41	43.5	4.23	HA-1001
7-Jun-04	15D-06	<LOD	90.55	<LOD	13.48	<LOD	79.11	723.93	11.12	NA		3650.94	847.79	NA		NA		<LOD	54.83	88.37	4.7	HA-1001
6-Jun-04	1A-24	<LOD	87.15	<LOD	12.78	<LOD	76.15	640.54	10.1	NA		3929.18	793.7	NA		NA		<LOD	52.12	118.28	4.75	HA-1001
8-Jun-04	7E-12	<LOD	95.91	<LOD	13.63	<LOD	83.94	832.06	12.57	NA		3783.27	853.97	NA		NA		<LOD	57.41	66.25	4.81	HA-1001
6-Jun-04	1A-12	<LOD	88.19	<LOD	13.09	90.74	25.67	637.86	10.08	NA		3299.63	808.17	NA		NA		<LOD	52.17	114.39	4.72	HA-1001
5-Jun-04																						
5-Jun-04																						
6-Jun-04																						
6-Jun-04																						
7-Jun-04																						
7-Jun-04																						
8-Jun-04																						
8-Jun-04																						

APPENDIX C – DATA VALIDATION REPORTS

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE:** **JUNE 28, 2004**

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

SUBJECT: **ORGANIC DATA VALIDATION- SVOA**
CTO 349, NAS KEY WEST
SDG F24649

SAMPLES: 40/Solid

C03D-01C-06-0604	C03D-01C-12-0604	C03D-01C-24-0604
C03D-02C-06-0604	C03D-02C-12-0604	C03D-02C-24-0604
C03D-03C-06-0604	C03D-03C-12-0604	C03D-03C-24-0604
C03D-04C-06-0604	C03D-04C-12-0604	C03D-04C-24-0604
C03D-08C-06-0604	C03D-08C-12-0604	C03D-08C-24-0604
C03D-12C-06-0604	C03D-12C-12-0604	C03D-12C-24-0604
C03D-13C-06-0604	C03D-13C-12-0604	C03D-13C-24-0604
C03D-14C-06-0604	C03D-14C-12-0604	C03D-14C-24-0604
C03D-15C-06-0604	C03D-15C-12-0604	C03D-15C-24-0604
C03D-16C-06-0604	C03D-16C-12-0604	C03D-16C-24-0604
C03D-5C-06-0604	C03D-5C-12-0604	C03D-5C-24-0604
C03D-9C-06-0604	C03D-9C-12-0604	C03D-9C-24-0604
KW-DUP-01-0604	KW-DUP-02-0604	KW-DUP-03-0604
KW-DUP-04-0604		

OVERVIEW

The sample set for CTO 349 NAS Key West, SDG F24649 consists of forty (40) solid environmental samples. All samples were analyzed for TCL semivolatile organic compounds (SVOA). Four field duplicates were associated with this SDG: KW-DUP-01-0604 / C03D-01C-06-0604, KW-DUP-02-0604 / C03D-01C-12-0604, KW-DUP-03-0604 / C03D-01C-24-0604, and KW-DUP-04-0604 / C03D-15C-12-0604.

The samples were collected by TetraTech NUS on June 5, 6, and 7, 2004 and analyzed by Accutest Laboratories. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using 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
- * Surrogate Recoveries
- * Field Duplicates
- 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.

Semivolatiles

The laboratory method detection limit was greater than the action level defined in the laboratory specification for dibenzo (a,h) anthracene and N-nitroso-di-n-propylamine. No action was taken on this basis.

Additional Comments:

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

Positive results were reported for benzo(a)anthracene, chrysene, fluoranthene, phenanthrene, and pyrene in sample KW-DUP-01-0604. The aforementioned analytes were not detected in the corresponding field duplicate, C03D-01C-06-0604. No validation action was taken because the difference between the results is less than 2X the reporting limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Method detection limits for dibenzo (a,h) anthracene and N-nitroso-di-n-propylamine were greater than defined in the laboratory specification.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). 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 NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Edward Sedlmyer
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

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % 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 (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.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 less than sample activity

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-01C-06-0604
samp_date	6/6/2004
lab_id	F24649-10
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-01C-06-0604
samp_date	6/6/2004
lab_id	F24649-10
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	67	U	

nsample	C03D-01C-12-0604
samp_date	6/6/2004
lab_id	F24649-11
qc_type	NM
units	UG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-01C-12-0604
samp_date	6/6/2004
lab_id	F24649-11
qc_type	NM
units	UG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

nsample	C03D-01C-24-0604
samp_date	6/6/2004
lab_id	F24649-12
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

nsample	C03D-01C-24-0604
samp_date	6/6/2004
lab_id	F24649-12
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-02C-06-0604	nsample	C03D-02C-06-0604	nsample	C03D-02C-12-0604
samp_date	6/6/2004	samp_date	6/6/2004	samp_date	6/6/2004
lab_id	F24649-16	lab_id	F24649-16	lab_id	F24649-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	95.8	Pct_Solids	95.8	Pct_Solids	95.9
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-02C-12-0604
samp_date	6/6/2004
lab_id	F24649-17
qc_type	NM
units	UG/KG
Pct_Solids	95.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

nsample	C03D-02C-24-0604
samp_date	6/6/2004
lab_id	F24649-18
qc_type	NM
units	UG/KG
Pct_Solids	94.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	88	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	88	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	88	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

nsample	C03D-02C-24-0604
samp_date	6/6/2004
lab_id	F24649-18
qc_type	NM
units	UG/KG
Pct_Solids	94.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	70	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	88	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	88	U	
DIMETHYL PHTHALATE	88	U	
DI-N-BUTYL PHTHALATE	88	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	70	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-03C-06-0604	nsample	C03D-03C-06-0604	nsample	C03D-03C-12-0604
samp_date	6/6/2004	samp_date	6/6/2004	samp_date	6/6/2004
lab_id	F24649-19	lab_id	F24649-19	lab_id	F24649-20
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	97.9	Pct_Solids	97.9	Pct_Solids	97.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	33	U	
1,2-DICHLOROBENZENE	33	U	
1,3-DICHLOROBENZENE	33	U	
1,4-DICHLOROBENZENE	33	U	
2,4,5-TRICHLOROPHENOL	33	U	
2,4,6-TRICHLOROPHENOL	33	U	
2,4-DICHLOROPHENOL	33	U	
2,4-DIMETHYLPHENOL	33	U	
2,4-DINITROPHENOL	330	U	
2,4-DINITROTOLUENE	66	U	
2,6-DINITROTOLUENE	66	U	
2-CHLORONAPHTHALENE	33	U	
2-CHLOROPHENOL	33	U	
2-METHYLNAPHTHALENE	33	U	
2-METHYLPHENOL	33	U	
2-NITROANILINE	83	U	
2-NITROPHENOL	33	U	
3&4-METHYLPHENOL	33	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	83	U	
4,6-DINITRO-2-METHYLPHENOL	66	U	
4-BROMOPHENYL PHENYL ETHER	33	U	
4-CHLORO-3-METHYLPHENOL	33	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	33	U	
4-NITROANILINE	83	U	
4-NITROPHENOL	330	U	
ACENAPHTHENE	33	U	
ACENAPHTHYLENE	33	U	
ANTHRACENE	33	U	
BENZO(A)ANTHRACENE	33	U	
BENZO(A)PYRENE	33	U	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	33	U	
BENZO(G,H,I)PERYLENE	66	U	
BENZO(K)FLUORANTHENE	33	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	
BIS(2-CHLOROETHYL)ETHER	66	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	83	U	
CARBAZOLE	33	U	
CHRYSENE	33	U	
DIBENZO(A,H)ANTHRACENE	66	U	
DIBENZOFURAN	33	U	
DIETHYL PHTHALATE	83	U	
DIMETHYL PHTHALATE	83	U	
DI-N-BUTYL PHTHALATE	83	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	33	U	
FLUORENE	33	U	
HEXACHLOROBENZENE	33	U	
HEXACHLOROBUTADIENE	66	U	
HEXACHLOROCYCLOPENTADIENE	66	U	
HEXACHLOROETHANE	66	U	
INDENO(1,2,3-CD)PYRENE	66	U	
ISOPHORONE	33	U	
NAPHTHALENE	33	U	
NITROBENZENE	33	U	
N-NITROSO-DI-N-PROPYLAMINE	66	U	
N-NITROSODIPHENYLAMINE	33	U	
PENTACHLOROPHENOL	330	U	
PHENANTHRENE	33	U	
PHENOL	33	U	
PYRENE	66	U	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	85	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	85	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	85	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-03C-12-0604
samp_date	6/6/2004
lab_id	F24649-20
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	85	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	85	U	
DIMETHYL PHTHALATE	85	U	
DI-N-BUTYL PHTHALATE	85	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

nsample	C03D-03C-24-0604
samp_date	6/6/2004
lab_id	F24649-21
qc_type	NM
units	UG/KG
Pct_Solids	96.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	85	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	85	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	85	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-03C-24-0604
samp_date	6/6/2004
lab_id	F24649-21
qc_type	NM
units	UG/KG
Pct_Solids	96.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	85	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	85	U	
DIMETHYL PHTHALATE	85	U	
DI-N-BUTYL PHTHALATE	85	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-04C-06-0604
samp_date	6/6/2004
lab_id	F24649-22
qc_type	NM
units	UG/KG
Pct_Solids	97.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	33	U	
1,2-DICHLOROBENZENE	33	U	
1,3-DICHLOROBENZENE	33	U	
1,4-DICHLOROBENZENE	33	U	
2,4,5-TRICHLOROPHENOL	33	U	
2,4,6-TRICHLOROPHENOL	33	U	
2,4-DICHLOROPHENOL	33	U	
2,4-DIMETHYLPHENOL	33	U	
2,4-DINITROPHENOL	330	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	33	U	
2-CHLOROPHENOL	33	U	
2-METHYLNAPHTHALENE	33	U	
2-METHYLPHENOL	33	U	
2-NITROANILINE	83	U	
2-NITROPHENOL	33	U	
3&4-METHYLPHENOL	33	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	83	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	33	U	
4-CHLORO-3-METHYLPHENOL	33	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	33	U	
4-NITROANILINE	83	U	
4-NITROPHENOL	330	U	
ACENAPHTHENE	33	U	
ACENAPHTHYLENE	33	U	
ANTHRACENE	33	U	
BENZO(A)ANTHRACENE	33	U	
BENZO(A)PYRENE	33	U	

nsample	C03D-04C-06-0604
samp_date	6/6/2004
lab_id	F24649-22
qc_type	NM
units	UG/KG
Pct_Solids	97.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	33	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	33	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	83	U	
CARBAZOLE	33	U	
CHRYSENE	33	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	33	U	
DIETHYL PHTHALATE	83	U	
DIMETHYL PHTHALATE	83	U	
DI-N-BUTYL PHTHALATE	83	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	33	U	
FLUORENE	33	U	
HEXACHLOROBENZENE	33	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	33	U	
NAPHTHALENE	33	U	
NITROBENZENE	33	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	33	U	
PENTACHLOROPHENOL	330	U	
PHENANTHRENE	33	U	
PHENOL	33	U	
PYRENE	67	U	

nsample	C03D-04C-12-0604
samp_date	6/6/2004
lab_id	F24649-23
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-04C-12-0604
samp_date	6/6/2004
lab_id	F24649-23
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	70	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	70	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

nsample	C03D-04C-24-0604
samp_date	6/6/2004
lab_id	F24649-24
qc_type	NM
units	UG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

nsample	C03D-04C-24-0604
samp_date	6/6/2004
lab_id	F24649-24
qc_type	NM
units	UG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-08C-06-0604	nsample	C03D-08C-06-0604	nsample	C03D-08C-12-0604
samp_date	6/7/2004	samp_date	6/7/2004	samp_date	6/7/2004
lab_id	F24649-31	lab_id	F24649-31	lab_id	F24649-32
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	98.2	Pct_Solids	98.2	Pct_Solids	96.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	67	U	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-08C-12-0604
samp_date	6/7/2004
lab_id	F24649-32
qc_type	NM
units	UG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-08C-24-0604
samp_date	6/7/2004
lab_id	F24649-33
qc_type	NM
units	UG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	89	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	89	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	89	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-08C-24-0604
samp_date	6/7/2004
lab_id	F24649-33
qc_type	NM
units	UG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	89	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	89	U	
DIMETHYL PHTHALATE	89	U	
DI-N-BUTYL PHTHALATE	89	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	71	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-12C-06-0604
samp_date	6/7/2004
lab_id	F24649-28
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	33	U	
1,2-DICHLOROBENZENE	33	U	
1,3-DICHLOROBENZENE	33	U	
1,4-DICHLOROBENZENE	33	U	
2,4,5-TRICHLOROPHENOL	33	U	
2,4,6-TRICHLOROPHENOL	33	U	
2,4-DICHLOROPHENOL	33	U	
2,4-DIMETHYLPHENOL	33	U	
2,4-DINITROPHENOL	330	U	
2,4-DINITROTOLUENE	66	U	
2,6-DINITROTOLUENE	66	U	
2-CHLORONAPHTHALENE	33	U	
2-CHLOROPHENOL	33	U	
2-METHYLNAPHTHALENE	33	U	
2-METHYLPHENOL	33	U	
2-NITROANILINE	83	U	
2-NITROPHENOL	33	U	
3&4-METHYLPHENOL	33	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	83	U	
4,6-DINITRO-2-METHYLPHENOL	66	U	
4-BROMOPHENYL PHENYL ETHER	33	U	
4-CHLORO-3-METHYLPHENOL	33	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	33	U	
4-NITROANILINE	83	U	
4-NITROPHENOL	330	U	
ACENAPHTHENE	33	U	
ACENAPHTHYLENE	33	U	
ANTHRACENE	33	U	
BENZO(A)ANTHRACENE	33	U	
BENZO(A)PYRENE	33	U	

nsample	C03D-12C-06-0604
samp_date	6/7/2004
lab_id	F24649-28
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	33	U	
BENZO(G,H,I)PERYLENE	66	U	
BENZO(K)FLUORANTHENE	33	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	
BIS(2-CHLOROETHYL)ETHER	66	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	83	U	
CARBAZOLE	33	U	
CHRYSENE	33	U	
DIBENZO(A,H)ANTHRACENE	66	U	
DIBENZOFURAN	33	U	
DIETHYL PHTHALATE	83	U	
DIMETHYL PHTHALATE	83	U	
DI-N-BUTYL PHTHALATE	83	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	33	U	
FLUORENE	33	U	
HEXACHLOROBENZENE	33	U	
HEXACHLOROBUTADIENE	66	U	
HEXACHLOROCYCLOPENTADIENE	66	U	
HEXACHLOROETHANE	66	U	
INDENO(1,2,3-CD)PYRENE	66	U	
ISOPHORONE	33	U	
NAPHTHALENE	33	U	
NITROBENZENE	33	U	
N-NITROSO-DI-N-PROPYLAMINE	66	U	
N-NITROSODIPHENYLAMINE	33	U	
PENTACHLOROPHENOL	330	U	
PHENANTHRENE	33	U	
PHENOL	33	U	
PYRENE	66	U	

nsample	C03D-12C-12-0604
samp_date	6/7/2004
lab_id	F24649-29
qc_type	NM
units	UG/KG
Pct_Solids	95.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-12C-12-0604
samp_date	6/7/2004
lab_id	F24649-29
qc_type	NM
units	UG/KG
Pct_Solids	95.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-12C-24-0604
samp_date	6/7/2004
lab_id	F24649-30
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	38	U	
1,2-DICHLOROBENZENE	38	U	
1,3-DICHLOROBENZENE	38	U	
1,4-DICHLOROBENZENE	38	U	
2,4,5-TRICHLOROPHENOL	38	U	
2,4,6-TRICHLOROPHENOL	38	U	
2,4-DICHLOROPHENOL	38	U	
2,4-DIMETHYLPHENOL	38	U	
2,4-DINITROPHENOL	380	U	
2,4-DINITROTOLUENE	77	U	
2,6-DINITROTOLUENE	77	U	
2-CHLORONAPHTHALENE	38	U	
2-CHLOROPHENOL	38	U	
2-METHYLNAPHTHALENE	38	U	
2-METHYLPHENOL	38	U	
2-NITROANILINE	96	U	
2-NITROPHENOL	38	U	
3&4-METHYLPHENOL	38	U	
3,3'-DICHLOROBENZIDINE	190	U	
3-NITROANILINE	96	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	
4-BROMOPHENYL PHENYL ETHER	38	U	
4-CHLORO-3-METHYLPHENOL	38	U	
4-CHLOROANILINE	290	U	
4-CHLOROPHENYL PHENYL ETHER	38	U	
4-NITROANILINE	96	U	
4-NITROPHENOL	380	U	
ACENAPHTHENE	38	U	
ACENAPHTHYLENE	38	U	
ANTHRACENE	38	U	
BENZO(A)ANTHRACENE	38	U	
BENZO(A)PYRENE	38	U	

nsample	C03D-12C-24-0604
samp_date	6/7/2004
lab_id	F24649-30
qc_type	NM
units	UG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	38	U	
BENZO(G,H,I)PERYLENE	77	U	
BENZO(K)FLUORANTHENE	38	U	
BIS(2-CHLOROETHOXY)METHANE	38	U	
BIS(2-CHLOROETHYL)ETHER	77	U	
BIS(2-ETHYLHEXYL)PHTHALATE	190	U	
BUTYL BENZYL PHTHALATE	96	U	
CARBAZOLE	38	U	
CHRYSENE	38	U	
DIBENZO(A,H)ANTHRACENE	77	U	
DIBENZOFURAN	38	U	
DIETHYL PHTHALATE	96	U	
DIMETHYL PHTHALATE	96	U	
DI-N-BUTYL PHTHALATE	96	U	
DI-N-OCTYL PHTHALATE	190	U	
FLUORANTHENE	38	U	
FLUORENE	38	U	
HEXACHLOROBENZENE	38	U	
HEXACHLOROBUTADIENE	77	U	
HEXACHLOROCYCLOPENTADIENE	77	U	
HEXACHLOROETHANE	77	U	
INDENO(1,2,3-CD)PYRENE	77	U	
ISOPHORONE	38	U	
NAPHTHALENE	38	U	
NITROBENZENE	38	U	
N-NITROSO-DI-N-PROPYLAMINE	77	U	
N-NITROSODIPHENYLAMINE	38	U	
PENTACHLOROPHENOL	380	U	
PHENANTHRENE	38	U	
PHENOL	38	U	
PYRENE	77	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-13C-06-0604
samp_date	6/5/2004
lab_id	F24649-1
qc_type	NM
units	UG/KG
Pct_Solids	94.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

nsample	C03D-13C-06-0604
samp_date	6/5/2004
lab_id	F24649-1
qc_type	NM
units	UG/KG
Pct_Solids	94.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	37.3	J	P
BENZO(G,H,I)PERYLENE	88.5	J	P
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

nsample	C03D-13C-12-0604
samp_date	6/5/2004
lab_id	F24649-2
qc_type	NM
units	UG/KG
Pct_Solids	91.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	72	U	
2,6-DINITROTOLUENE	72	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	90	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	90	U	
4,6-DINITRO-2-METHYLPHENOL	72	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	90	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-13C-12-0604
samp_date	6/5/2004
lab_id	F24649-2
qc_type	NM
units	UG/KG
Pct_Solids	91.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	72	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	72	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	90	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	72	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	90	U	
DIMETHYL PHTHALATE	90	U	
DI-N-BUTYL PHTHALATE	90	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	72	U	
HEXACHLOROCYCLOPENTADIENE	72	U	
HEXACHLOROETHANE	72	U	
INDENO(1,2,3-CD)PYRENE	72	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	72	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	72	U	

nsample	C03D-13C-24-0604
samp_date	6/5/2004
lab_id	F24649-3
qc_type	NM
units	UG/KG
Pct_Solids	90.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	37	U	
1,2-DICHLOROBENZENE	37	U	
1,3-DICHLOROBENZENE	37	U	
1,4-DICHLOROBENZENE	37	U	
2,4,5-TRICHLOROPHENOL	37	U	
2,4,6-TRICHLOROPHENOL	37	U	
2,4-DICHLOROPHENOL	37	U	
2,4-DIMETHYLPHENOL	37	U	
2,4-DINITROPHENOL	370	U	
2,4-DINITROTOLUENE	73	U	
2,6-DINITROTOLUENE	73	U	
2-CHLORONAPHTHALENE	37	U	
2-CHLOROPHENOL	37	U	
2-METHYLNAPHTHALENE	37	U	
2-METHYLPHENOL	37	U	
2-NITROANILINE	91	U	
2-NITROPHENOL	37	U	
3&4-METHYLPHENOL	37	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	91	U	
4,6-DINITRO-2-METHYLPHENOL	73	U	
4-BROMOPHENYL PHENYL ETHER	37	U	
4-CHLORO-3-METHYLPHENOL	37	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	37	U	
4-NITROANILINE	91	U	
4-NITROPHENOL	370	U	
ACENAPHTHENE	37	U	
ACENAPHTHYLENE	37	U	
ANTHRACENE	37	U	
BENZO(A)ANTHRACENE	60.3	J	P
BENZO(A)PYRENE	43.7	J	P

nsample	C03D-13C-24-0604
samp_date	6/5/2004
lab_id	F24649-3
qc_type	NM
units	UG/KG
Pct_Solids	90.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	43.5	J	P
BENZO(G,H,I)PERYLENE	73	U	
BENZO(K)FLUORANTHENE	37	U	
BIS(2-CHLOROETHOXY)METHANE	37	U	
BIS(2-CHLOROETHYL)ETHER	73	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	91	U	
CARBAZOLE	37	U	
CHRYSENE	66.3	J	P
DIBENZO(A,H)ANTHRACENE	73	U	
DIBENZOFURAN	37	U	
DIETHYL PHTHALATE	91	U	
DIMETHYL PHTHALATE	91	U	
DI-N-BUTYL PHTHALATE	91	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	99.7	J	P
FLUORENE	37	U	
HEXACHLOROBENZENE	37	U	
HEXACHLOROBUTADIENE	73	U	
HEXACHLOROCYCLOPENTADIENE	73	U	
HEXACHLOROETHANE	73	U	
INDENO(1,2,3-CD)PYRENE	73	U	
ISOPHORONE	37	U	
NAPHTHALENE	37	U	
NITROBENZENE	37	U	
N-NITROSO-DI-N-PROPYLAMINE	73	U	
N-NITROSODIPHENYLAMINE	37	U	
PENTACHLOROPHENOL	370	U	
PHENANTHRENE	96.9	J	P
PHENOL	37	U	
PYRENE	107	J	P

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-14C-06-0604
samp_date	6/7/2004
lab_id	F24649-38
qc_type	NM
units	UG/KG
Pct_Solids	98.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-14C-06-0604
samp_date	6/7/2004
lab_id	F24649-38
qc_type	NM
units	UG/KG
Pct_Solids	98.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

nsample	C03D-14C-12-0604
samp_date	6/7/2004
lab_id	F24649-39
qc_type	NM
units	UG/KG
Pct_Solids	96.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	85	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	85	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	85	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-14C-12-0604
samp_date	6/7/2004
lab_id	F24649-39
qc_type	NM
units	UG/KG
Pct_Solids	96.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	85	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	85	U	
DIMETHYL PHTHALATE	85	U	
DI-N-BUTYL PHTHALATE	85	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

nsample	C03D-14C-24-0604
samp_date	6/7/2004
lab_id	F24649-40
qc_type	NM
units	UG/KG
Pct_Solids	90.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	37	U	
1,2-DICHLOROBENZENE	37	U	
1,3-DICHLOROBENZENE	37	U	
1,4-DICHLOROBENZENE	37	U	
2,4,5-TRICHLOROPHENOL	37	U	
2,4,6-TRICHLOROPHENOL	37	U	
2,4-DICHLOROPHENOL	37	U	
2,4-DIMETHYLPHENOL	37	U	
2,4-DINITROPHENOL	370	U	
2,4-DINITROTOLUENE	74	U	
2,6-DINITROTOLUENE	74	U	
2-CHLORONAPHTHALENE	37	U	
2-CHLOROPHENOL	37	U	
2-METHYLNAPHTHALENE	37	U	
2-METHYLPHENOL	37	U	
2-NITROANILINE	92	U	
2-NITROPHENOL	37	U	
3&4-METHYLPHENOL	37	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	92	U	
4,6-DINITRO-2-METHYLPHENOL	74	U	
4-BROMOPHENYL PHENYL ETHER	37	U	
4-CHLORO-3-METHYLPHENOL	37	U	
4-CHLOROANILINE	280	U	
4-CHLOROPHENYL PHENYL ETHER	37	U	
4-NITROANILINE	92	U	
4-NITROPHENOL	370	U	
ACENAPHTHENE	37	U	
ACENAPHTHYLENE	37	U	
ANTHRACENE	37	U	
BENZO(A)ANTHRACENE	37	U	
BENZO(A)PYRENE	37	U	

nsample	C03D-14C-24-0604
samp_date	6/7/2004
lab_id	F24649-40
qc_type	NM
units	UG/KG
Pct_Solids	90.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	37	U	
BENZO(G,H,I)PERYLENE	74	U	
BENZO(K)FLUORANTHENE	37	U	
BIS(2-CHLOROETHOXY)METHANE	37	U	
BIS(2-CHLOROETHYL)ETHER	74	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	92	U	
CARBAZOLE	37	U	
CHRYSENE	37	U	
DIBENZO(A,H)ANTHRACENE	74	U	
DIBENZOFURAN	37	U	
DIETHYL PHTHALATE	92	U	
DIMETHYL PHTHALATE	92	U	
DI-N-BUTYL PHTHALATE	92	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	37	U	
FLUORENE	37	U	
HEXACHLOROBENZENE	37	U	
HEXACHLOROBUTADIENE	74	U	
HEXACHLOROCYCLOPENTADIENE	74	U	
HEXACHLOROETHANE	74	U	
INDENO(1,2,3-CD)PYRENE	74	U	
ISOPHORONE	37	U	
NAPHTHALENE	37	U	
NITROBENZENE	37	U	
N-NITROSO-DI-N-PROPYLAMINE	74	U	
N-NITROSODIPHENYLAMINE	37	U	
PENTACHLOROPHENOL	370	U	
PHENANTHRENE	37	U	
PHENOL	37	U	
PYRENE	74	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-15C-06-0604
samp_date	6/7/2004
lab_id	F24649-34
qc_type	NM
units	UG/KG
Pct_Solids	97.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	33	U	
1,2-DICHLOROBENZENE	33	U	
1,3-DICHLOROBENZENE	33	U	
1,4-DICHLOROBENZENE	33	U	
2,4,5-TRICHLOROPHENOL	33	U	
2,4,6-TRICHLOROPHENOL	33	U	
2,4-DICHLOROPHENOL	33	U	
2,4-DIMETHYLPHENOL	33	U	
2,4-DINITROPHENOL	330	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	33	U	
2-CHLOROPHENOL	33	U	
2-METHYLNAPHTHALENE	33	U	
2-METHYLPHENOL	33	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	33	U	
3&4-METHYLPHENOL	33	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	33	U	
4-CHLORO-3-METHYLPHENOL	33	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	33	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	330	U	
ACENAPHTHENE	33	U	
ACENAPHTHYLENE	33	U	
ANTHRACENE	33	U	
BENZO(A)ANTHRACENE	33	U	
BENZO(A)PYRENE	33	U	

nsample	C03D-15C-06-0604
samp_date	6/7/2004
lab_id	F24649-34
qc_type	NM
units	UG/KG
Pct_Solids	97.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	33	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	33	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	33	U	
CHRYSENE	33	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	33	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	33	U	
FLUORENE	33	U	
HEXACHLOROBENZENE	33	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	33	U	
NAPHTHALENE	33	U	
NITROBENZENE	33	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	33	U	
PENTACHLOROPHENOL	330	U	
PHENANTHRENE	33	U	
PHENOL	33	U	
PYRENE	67	U	

nsample	C03D-15C-12-0604
samp_date	6/7/2004
lab_id	F24649-35
qc_type	NM
units	UG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-15C-12-0604
samp_date	6/7/2004
lab_id	F24649-35
qc_type	NM
units	UG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

nsample	C03D-15C-24-0604
samp_date	6/7/2004
lab_id	F24649-36
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	41	U	
1,2-DICHLOROBENZENE	41	U	
1,3-DICHLOROBENZENE	41	U	
1,4-DICHLOROBENZENE	41	U	
2,4,5-TRICHLOROPHENOL	41	U	
2,4,6-TRICHLOROPHENOL	41	U	
2,4-DICHLOROPHENOL	41	U	
2,4-DIMETHYLPHENOL	41	U	
2,4-DINITROPHENOL	410	U	
2,4-DINITROTOLUENE	82	U	
2,6-DINITROTOLUENE	82	U	
2-CHLORONAPHTHALENE	41	U	
2-CHLOROPHENOL	41	U	
2-METHYLNAPHTHALENE	41	U	
2-METHYLPHENOL	41	U	
2-NITROANILINE	100	U	
2-NITROPHENOL	41	U	
3&4-METHYLPHENOL	41	U	
3,3'-DICHLOROBENZIDINE	200	U	
3-NITROANILINE	100	U	
4,6-DINITRO-2-METHYLPHENOL	82	U	
4-BROMOPHENYL PHENYL ETHER	41	U	
4-CHLORO-3-METHYLPHENOL	41	U	
4-CHLOROANILINE	310	U	
4-CHLOROPHENYL PHENYL ETHER	41	U	
4-NITROANILINE	100	U	
4-NITROPHENOL	410	U	
ACENAPHTHENE	41	U	
ACENAPHTHYLENE	41	U	
ANTHRACENE	41	U	
BENZO(A)ANTHRACENE	41	U	
BENZO(A)PYRENE	41	U	

nsample	C03D-15C-24-0604
samp_date	6/7/2004
lab_id	F24649-36
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	41	U	
BENZO(G,H,I)PERYLENE	82	U	
BENZO(K)FLUORANTHENE	41	U	
BIS(2-CHLOROETHOXY)METHANE	41	U	
BIS(2-CHLOROETHYL)ETHER	82	U	
BIS(2-ETHYLHEXYL)PHTHALATE	200	U	
BUTYL BENZYL PHTHALATE	100	U	
CARBAZOLE	41	U	
CHRYSENE	41	U	
DIBENZO(A,H)ANTHRACENE	82	U	
DIBENZOFURAN	41	U	
DIETHYL PHTHALATE	100	U	
DIMETHYL PHTHALATE	100	U	
DI-N-BUTYL PHTHALATE	100	U	
DI-N-OCTYL PHTHALATE	200	U	
FLUORANTHENE	41	U	
FLUORENE	41	U	
HEXACHLOROBENZENE	41	U	
HEXACHLOROBUTADIENE	82	U	
HEXACHLOROCYCLOPENTADIENE	82	U	
HEXACHLOROETHANE	82	U	
INDENO(1,2,3-CD)PYRENE	82	U	
ISOPHORONE	41	U	
NAPHTHALENE	41	U	
NITROBENZENE	41	U	
N-NITROSO-DI-N-PROPYLAMINE	82	U	
N-NITROSODIPHENYLAMINE	41	U	
PENTACHLOROPHENOL	410	U	
PHENANTHRENE	41	U	
PHENOL	41	U	
PYRENE	82	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-16C-06-0604
samp_date	6/7/2004
lab_id	F24649-25
qc_type	NM
units	UG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-16C-06-0604
samp_date	6/7/2004
lab_id	F24649-25
qc_type	NM
units	UG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-16C-12-0604
samp_date	6/7/2004
lab_id	F24649-26
qc_type	NM
units	UG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-16C-12-0604
samp_date	6/7/2004
lab_id	F24649-26
qc_type	NM
units	UG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	70	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	70	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

nsample	C03D-16C-24-0604
samp_date	6/7/2004
lab_id	F24649-27
qc_type	NM
units	UG/KG
Pct_Solids	92.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	89	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	89	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	89	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-16C-24-0604
samp_date	6/7/2004
lab_id	F24649-27
qc_type	NM
units	UG/KG
Pct_Solids	92.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	89	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	89	U	
DIMETHYL PHTHALATE	89	U	
DI-N-BUTYL PHTHALATE	89	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	71	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-5C-06-0604
samp_date	6/5/2004
lab_id	F24649-7
qc_type	NM
units	UG/KG
Pct_Solids	92.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	89	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	89	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	89	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-5C-06-0604
samp_date	6/5/2004
lab_id	F24649-7
qc_type	NM
units	UG/KG
Pct_Solids	92.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	89	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	89	U	
DIMETHYL PHTHALATE	89	U	
DI-N-BUTYL PHTHALATE	89	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	71	U	

nsample	C03D-5C-12-0604
samp_date	6/5/2004
lab_id	F24649-8
qc_type	NM
units	UG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	88	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	88	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	88	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-5C-12-0604
samp_date	6/5/2004
lab_id	F24649-8
qc_type	NM
units	UG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	70	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	88	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	88	U	
DIMETHYL PHTHALATE	88	U	
DI-N-BUTYL PHTHALATE	88	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	70	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

nsample	C03D-5C-24-0604
samp_date	6/5/2004
lab_id	F24649-9
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	72	U	
2,6-DINITROTOLUENE	72	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	90	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	90	U	
4,6-DINITRO-2-METHYLPHENOL	72	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	90	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-5C-24-0604
samp_date	6/5/2004
lab_id	F24649-9
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	72	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	72	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	90	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	72	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	90	U	
DIMETHYL PHTHALATE	90	U	
DI-N-BUTYL PHTHALATE	90	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	72	U	
HEXACHLOROCYCLOPENTADIENE	72	U	
HEXACHLOROETHANE	72	U	
INDENO(1,2,3-CD)PYRENE	72	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	72	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	72	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-9C-06-0604
samp_date	6/5/2004
lab_id	F24649-4
qc_type	NM
units	UG/KG
Pct_Solids	97.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-9C-06-0604
samp_date	6/5/2004
lab_id	F24649-4
qc_type	NM
units	UG/KG
Pct_Solids	97.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

nsample	C03D-9C-12-0604
samp_date	6/5/2004
lab_id	F24649-5
qc_type	NM
units	UG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-9C-12-0604
samp_date	6/5/2004
lab_id	F24649-5
qc_type	NM
units	UG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-9C-24-0604
samp_date	6/5/2004
lab_id	F24649-6
qc_type	NM
units	UG/KG
Pct_Solids	95.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

nsample	C03D-9C-24-0604
samp_date	6/5/2004
lab_id	F24649-6
qc_type	NM
units	UG/KG
Pct_Solids	95.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	70	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	70	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	KW-DUP-01-0604
samp_date	6/6/2004
lab_id	F24649-13
qc_type	NM
units	UG/KG
Pct_Solids	96.6
DUP_OF:	C03D-01C-06-0604

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	KW-DUP-01-0604
samp_date	6/6/2004
lab_id	F24649-13
qc_type	NM
units	UG/KG
Pct_Solids	96.6
DUP_OF:	C03D-01C-06-0604

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	67	U	

nsample	KW-DUP-02-0604
samp_date	6/6/2004
lab_id	F24649-14
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	C03D-01C-12-0604

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	37.2	J	P
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	KW-DUP-02-0604
samp_date	6/6/2004
lab_id	F24649-14
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	C03D-01C-12-0604

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	36.7	J	P
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	75	J	P
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	56.8	J	P
PHENOL	34	U	
PYRENE	72.6	J	P

nsample	KW-DUP-03-0604
samp_date	6/6/2004
lab_id	F24649-15
qc_type	NM
units	UG/KG
Pct_Solids	97.7
DUP_OF:	C03D-01C-24-0604

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	85	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	85	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	85	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	KW-DUP-03-0604
samp_date	6/6/2004
lab_id	F24649-15
qc_type	NM
units	UG/KG
Pct_Solids	97.7
DUP_OF:	C03D-01C-24-0604

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	85	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	85	U	
DIMETHYL PHTHALATE	85	U	
DI-N-BUTYL PHTHALATE	85	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: OS

nsample	KW-DUP-04-0604	nsample	KW-DUP-04-0604
samp_date	6/7/2004	samp_date	6/7/2004
lab_id	F24649-37	lab_id	F24649-37
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	95.6	Pct_Solids	95.6
DUP_OF:	C03D-15C-12-0604	DUP_OF:	C03D-15C-12-0604

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	35	U	
BENZO(A)PYRENE	35	U	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	35	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	35	U	
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	35	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	69	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Report of Analysis

Client Sample ID:	C03D-01C-06-0604		
Lab Sample ID:	F24649-10	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021906.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-01C-06-0604		
Lab Sample ID:	F24649-10	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	87%		45-114%
4165-62-2	Phenol-d5	87%		44-124%
118-79-6	2,4,6-Tribromophenol	85%		50-128%
4165-60-0	Nitrobenzene-d5	83%		41-123%
321-60-8	2-Fluorobiphenyl	86%		46-122%
1718-51-0	Terphenyl-d14	98%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-01C-12-0604		
Lab Sample ID:	F24649-11	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021907.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-01C-12-0604		
Lab Sample ID:	F24649-11	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	84%		45-114%
4165-62-2	Phenol-d5	84%		44-124%
118-79-6	2,4,6-Tribromophenol	86%		50-128%
4165-60-0	Nitrobenzene-d5	80%		41-123%
321-60-8	2-Fluorobiphenyl	79%		46-122%
1718-51-0	Terphenyl-d14	95%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-01C-24-0604		
Lab Sample ID:	F24649-12	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021908.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	860	350	ug/kg	
87-86-5	Pentachlorophenol	ND	860	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-01C-24-0604		
Lab Sample ID:	F24649-12	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	86	ug/kg	
99-09-2	3-Nitroaniline	ND	350	86	ug/kg	
100-01-6	4-Nitroaniline	ND	350	86	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		45-114%
4165-62-2	Phenol-d5	82%		44-124%
118-79-6	2,4,6-Tribromophenol	90%		50-128%
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	95%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-02C-06-0604		
Lab Sample ID:	F24649-16	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021912.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-02C-06-0604		
Lab Sample ID:	F24649-16	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.8
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	81%		45-114%
4165-62-2	Phenol-d5	82%		44-124%
118-79-6	2,4,6-Tribromophenol	88%		50-128%
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	83%		46-122%
1718-51-0	Terphenyl-d14	96%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-02C-12-0604		
Lab Sample ID:	F24649-17	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020291.D	1	06/15/04	ME	06/11/04	OP10656	SW1067
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-02C-12-0604		
Lab Sample ID:	F24649-17	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	92%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.18

Client Sample ID:	C03D-02C-24-0604		
Lab Sample ID:	F24649-18	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.5
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020292.D	1	06/15/04	ME	06/11/04	OP10656	SW1067
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	880	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	180	35	ug/kg	
	3&4-Methylphenol	ND	180	35	ug/kg	
88-75-5	2-Nitrophenol	ND	180	35	ug/kg	
100-02-7	4-Nitrophenol	ND	880	350	ug/kg	
87-86-5	Pentachlorophenol	ND	880	350	ug/kg	
108-95-2	Phenol	ND	180	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	ND	180	35	ug/kg	
208-96-8	Acenaphthylene	ND	180	35	ug/kg	
120-12-7	Anthracene	ND	180	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	88	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	180	35	ug/kg	
218-01-9	Chrysene	ND	180	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-02C-24-0604		
Lab Sample ID:	F24649-18	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.5
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	70	ug/kg	
132-64-9	Dibenzofuran	ND	180	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	88	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	180	ug/kg	
84-66-2	Diethyl phthalate	ND	350	88	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	88	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	180	ug/kg	
206-44-0	Fluoranthene	ND	180	35	ug/kg	
86-73-7	Fluorene	ND	180	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	70	ug/kg	
67-72-1	Hexachloroethane	ND	180	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	70	ug/kg	
78-59-1	Isophorone	ND	180	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	88	ug/kg	
99-09-2	3-Nitroaniline	ND	350	88	ug/kg	
100-01-6	4-Nitroaniline	ND	350	88	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	
98-95-3	Nitrobenzene	ND	180	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	35	ug/kg	
85-01-8	Phenanthrene	ND	180	35	ug/kg	
129-00-0	Pyrene	ND	180	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	95%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-06-0604		
Lab Sample ID:	F24649-19	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020293.D	1	06/15/04	ME	06/11/04	OP10656	SW1067
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	66	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	66	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	660	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	66	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-06-0604		
Lab Sample ID:	F24649-19	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	66	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	66	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	66	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	66	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	66	ug/kg	
67-72-1	Hexachloroethane	ND	170	66	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	66	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	66	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	66	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%
4165-60-0	Nitrobenzene-d5	79%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	95%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-12-0604		
Lab Sample ID:	F24649-20	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021920.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	850	340	ug/kg	
87-86-5	Pentachlorophenol	ND	850	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	85	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-12-0604		
Lab Sample ID:	F24649-20	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	85	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	85	ug/kg	
99-09-2	3-Nitroaniline	ND	340	85	ug/kg	
100-01-6	4-Nitroaniline	ND	340	85	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		45-114%
4165-62-2	Phenol-d5	74%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-24-0604		
Lab Sample ID:	F24649-21	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021921.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	850	340	ug/kg	
87-86-5	Pentachlorophenol	ND	850	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	85	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-03C-24-0604		
Lab Sample ID:	F24649-21	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	85	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	85	ug/kg	
99-09-2	3-Nitroaniline	ND	340	85	ug/kg	
100-01-6	4-Nitroaniline	ND	340	85	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	84%		45-114%
4165-62-2	Phenol-d5	83%		44-124%
118-79-6	2,4,6-Tribromophenol	88%		50-128%
4165-60-0	Nitrobenzene-d5	82%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	94%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-06-0604		
Lab Sample ID:	F24649-22	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021922.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-06-0604		
Lab Sample ID:	F24649-22	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	87%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-12-0604		
Lab Sample ID:	F24649-23	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021923.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-12-0604		
Lab Sample ID:	F24649-23	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	70	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	70	ug/kg	
67-72-1	Hexachloroethane	ND	170	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	70	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		45-114%
4165-62-2	Phenol-d5	65%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-24-0604		
Lab Sample ID:	F24649-24	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021924.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-04C-24-0604		
Lab Sample ID:	F24649-24	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	65%		46-122%
1718-51-0	Terphenyl-d14	74%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-06-0604		
Lab Sample ID:	F24649-31	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021931.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-06-0604		
Lab Sample ID:	F24649-31	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	87%		50-128%
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	92%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-12-0604		
Lab Sample ID:	F24649-32	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021932.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-12-0604		
Lab Sample ID:	F24649-32	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	75%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-24-0604		
Lab Sample ID:	F24649-33	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021950.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	890	360	ug/kg	
87-86-5	Pentachlorophenol	ND	890	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	89	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-08C-24-0604		
Lab Sample ID:	F24649-33	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	89	ug/kg	
99-09-2	3-Nitroaniline	ND	360	89	ug/kg	
100-01-6	4-Nitroaniline	ND	360	89	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		45-114%
4165-62-2	Phenol-d5	55%		44-124%
118-79-6	2,4,6-Tribromophenol	62%		50-128%
4165-60-0	Nitrobenzene-d5	49%		41-123%
321-60-8	2-Fluorobiphenyl	56%		46-122%
1718-51-0	Terphenyl-d14	67%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-06-0604		
Lab Sample ID:	F24649-28	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021928.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	66	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	66	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	660	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	66	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-06-0604		
Lab Sample ID:	F24649-28	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	66	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	66	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	66	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	66	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	66	ug/kg	
67-72-1	Hexachloroethane	ND	170	66	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	66	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	66	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	66	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	71%		50-128%
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-12-0604		
Lab Sample ID:	F24649-29	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.3
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021929.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-12-0604		
Lab Sample ID:	F24649-29	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.3
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%
4165-60-0	Nitrobenzene-d5	76%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	86%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-24-0604		
Lab Sample ID:	F24649-30	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	86.2
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021930.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	38	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	960	380	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	380	77	ug/kg	
95-48-7	2-Methylphenol	ND	190	38	ug/kg	
	3&4-Methylphenol	ND	190	38	ug/kg	
88-75-5	2-Nitrophenol	ND	190	38	ug/kg	
100-02-7	4-Nitrophenol	ND	960	380	ug/kg	
87-86-5	Pentachlorophenol	ND	960	380	ug/kg	
108-95-2	Phenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	38	ug/kg	
83-32-9	Acenaphthene	ND	190	38	ug/kg	
208-96-8	Acenaphthylene	ND	190	38	ug/kg	
120-12-7	Anthracene	ND	190	38	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	38	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	38	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	77	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	38	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	38	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	96	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	38	ug/kg	
106-47-8	4-Chloroaniline	ND	770	290	ug/kg	
86-74-8	Carbazole	ND	190	38	ug/kg	
218-01-9	Chrysene	ND	190	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	77	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	38	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-12C-24-0604		
Lab Sample ID:	F24649-30	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	86.2
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	190	38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	38	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	77	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	77	ug/kg	
132-64-9	Dibenzofuran	ND	190	38	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	96	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	190	ug/kg	
84-66-2	Diethyl phthalate	ND	380	96	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	96	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	190	ug/kg	
206-44-0	Fluoranthene	ND	190	38	ug/kg	
86-73-7	Fluorene	ND	190	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	38	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	77	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	77	ug/kg	
67-72-1	Hexachloroethane	ND	190	77	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	77	ug/kg	
78-59-1	Isophorone	ND	190	38	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	38	ug/kg	
88-74-4	2-Nitroaniline	ND	380	96	ug/kg	
99-09-2	3-Nitroaniline	ND	380	96	ug/kg	
100-01-6	4-Nitroaniline	ND	380	96	ug/kg	
91-20-3	Naphthalene	ND	190	38	ug/kg	
98-95-3	Nitrobenzene	ND	190	38	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	38	ug/kg	
85-01-8	Phenanthrene	ND	190	38	ug/kg	
129-00-0	Pyrene	ND	190	77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-06-0604		
Lab Sample ID:	F24649-1	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.6
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021895.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	860	350	ug/kg	
87-86-5	Pentachlorophenol	ND	860	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	37.3	170	35	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	88.5	170	69	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-06-0604		
Lab Sample ID:	F24649-1	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	94.6
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	86	ug/kg	
99-09-2	3-Nitroaniline	ND	350	86	ug/kg	
100-01-6	4-Nitroaniline	ND	350	86	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	84%		45-114%
4165-62-2	Phenol-d5	85%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%
4165-60-0	Nitrobenzene-d5	80%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	89%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-12-0604		
Lab Sample ID:	F24649-2	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	91.5
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021896.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	900	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	72	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	900	360	ug/kg	
87-86-5	Pentachlorophenol	ND	900	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	72	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	90	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	720	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	72	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-12-0604		
Lab Sample ID:	F24649-2	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	91.5
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	72	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	72	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	72	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	90	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	90	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	90	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	72	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	72	ug/kg	
67-72-1	Hexachloroethane	ND	180	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	72	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	90	ug/kg	
99-09-2	3-Nitroaniline	ND	360	90	ug/kg	
100-01-6	4-Nitroaniline	ND	360	90	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	72	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	72	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		45-114%
4165-62-2	Phenol-d5	82%		44-124%
118-79-6	2,4,6-Tribromophenol	95%		50-128%
4165-60-0	Nitrobenzene-d5	80%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	93%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-24-0604		
Lab Sample ID:	F24649-3	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	90.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021897.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	37	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	37	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	910	370	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	370	73	ug/kg	
95-48-7	2-Methylphenol	ND	180	37	ug/kg	
	3&4-Methylphenol	ND	180	37	ug/kg	
88-75-5	2-Nitrophenol	ND	180	37	ug/kg	
100-02-7	4-Nitrophenol	ND	910	370	ug/kg	
87-86-5	Pentachlorophenol	ND	910	370	ug/kg	
108-95-2	Phenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	37	ug/kg	
83-32-9	Acenaphthene	ND	180	37	ug/kg	
208-96-8	Acenaphthylene	ND	180	37	ug/kg	
120-12-7	Anthracene	ND	180	37	ug/kg	
56-55-3	Benzo(a)anthracene	60.3	180	37	ug/kg	J
50-32-8	Benzo(a)pyrene	43.7	180	37	ug/kg	J
205-99-2	Benzo(b)fluoranthene	43.5	180	37	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	180	73	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	37	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	37	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	370	91	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	37	ug/kg	
106-47-8	4-Chloroaniline	ND	730	270	ug/kg	
86-74-8	Carbazole	ND	180	37	ug/kg	
218-01-9	Chrysene	66.3	180	37	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	180	37	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	73	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	37	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-13C-24-0604		
Lab Sample ID:	F24649-3	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	90.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	37	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	73	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	73	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	370	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	73	ug/kg	
132-64-9	Dibenzofuran	ND	180	37	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	370	91	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	370	180	ug/kg	
84-66-2	Diethyl phthalate	ND	370	91	ug/kg	
131-11-3	Dimethyl phthalate	ND	370	91	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	370	180	ug/kg	
206-44-0	Fluoranthene	99.7	180	37	ug/kg	J
86-73-7	Fluorene	ND	180	37	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	37	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	73	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	73	ug/kg	
67-72-1	Hexachloroethane	ND	180	73	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	73	ug/kg	
78-59-1	Isophorone	ND	180	37	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	37	ug/kg	
88-74-4	2-Nitroaniline	ND	370	91	ug/kg	
99-09-2	3-Nitroaniline	ND	370	91	ug/kg	
100-01-6	4-Nitroaniline	ND	370	91	ug/kg	
91-20-3	Naphthalene	ND	180	37	ug/kg	
98-95-3	Nitrobenzene	ND	180	37	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	73	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	37	ug/kg	
85-01-8	Phenanthrene	96.9	180	37	ug/kg	J
129-00-0	Pyrene	107	180	73	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	180	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	86%		50-128%
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	86%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-06-0604		
Lab Sample ID:	F24649-38	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021939.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-06-0604		
Lab Sample ID:	F24649-38	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		45-114%
4165-62-2	Phenol-d5	84%		44-124%
118-79-6	2,4,6-Tribromophenol	85%		50-128%
4165-60-0	Nitrobenzene-d5	82%		41-123%
321-60-8	2-Fluorobiphenyl	83%		46-122%
1718-51-0	Terphenyl-d14	93%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-12-0604		
Lab Sample ID:	F24649-39	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.5
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021945.D	1	06/16/04	ME	06/14/04	OP10674	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	850	340	ug/kg	
87-86-5	Pentachlorophenol	ND	850	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	85	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-12-0604		
Lab Sample ID:	F24649-39	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.5
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	85	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	85	ug/kg	
99-09-2	3-Nitroaniline	ND	340	85	ug/kg	
100-01-6	4-Nitroaniline	ND	340	85	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	68%		50-128%
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	74%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-24-0604		
Lab Sample ID:	F24649-40	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	90.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021946.D	1	06/16/04	ME	06/14/04	OP10674	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	37	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	37	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	920	370	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	370	74	ug/kg	
95-48-7	2-Methylphenol	ND	180	37	ug/kg	
	3&4-Methylphenol	ND	180	37	ug/kg	
88-75-5	2-Nitrophenol	ND	180	37	ug/kg	
100-02-7	4-Nitrophenol	ND	920	370	ug/kg	
87-86-5	Pentachlorophenol	ND	920	370	ug/kg	
108-95-2	Phenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	37	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	37	ug/kg	
83-32-9	Acenaphthene	ND	180	37	ug/kg	
208-96-8	Acenaphthylene	ND	180	37	ug/kg	
120-12-7	Anthracene	ND	180	37	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	37	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	37	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	37	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	74	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	37	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	37	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	370	92	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	37	ug/kg	
106-47-8	4-Chloroaniline	ND	740	280	ug/kg	
86-74-8	Carbazole	ND	180	37	ug/kg	
218-01-9	Chrysene	ND	180	37	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	37	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	74	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	37	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-14C-24-0604		
Lab Sample ID:	F24649-40	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	90.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	37	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	74	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	74	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	370	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	74	ug/kg	
132-64-9	Dibenzofuran	ND	180	37	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	370	92	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	370	180	ug/kg	
84-66-2	Diethyl phthalate	ND	370	92	ug/kg	
131-11-3	Dimethyl phthalate	ND	370	92	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	370	180	ug/kg	
206-44-0	Fluoranthene	ND	180	37	ug/kg	
86-73-7	Fluorene	ND	180	37	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	37	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	74	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	74	ug/kg	
67-72-1	Hexachloroethane	ND	180	74	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	74	ug/kg	
78-59-1	Isophorone	ND	180	37	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	37	ug/kg	
88-74-4	2-Nitroaniline	ND	370	92	ug/kg	
99-09-2	3-Nitroaniline	ND	370	92	ug/kg	
100-01-6	4-Nitroaniline	ND	370	92	ug/kg	
91-20-3	Naphthalene	ND	180	37	ug/kg	
98-95-3	Nitrobenzene	ND	180	37	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	74	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	37	ug/kg	
85-01-8	Phenanthrene	ND	180	37	ug/kg	
129-00-0	Pyrene	ND	180	74	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-06-0604		
Lab Sample ID:	F24649-34	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021935.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	840	330	ug/kg	
87-86-5	Pentachlorophenol	ND	840	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-06-0604		
Lab Sample ID:	F24649-34	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	84	ug/kg	
99-09-2	3-Nitroaniline	ND	330	84	ug/kg	
100-01-6	4-Nitroaniline	ND	330	84	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	70%		50-128%
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	64%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-12-0604		
Lab Sample ID:	F24649-35	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021936.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	860	350	ug/kg	
87-86-5	Pentachlorophenol	ND	860	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-12-0604		
Lab Sample ID:	F24649-35	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	86	ug/kg	
99-09-2	3-Nitroaniline	ND	350	86	ug/kg	
100-01-6	4-Nitroaniline	ND	350	86	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	83%		50-128%
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	89%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-24-0604		
Lab Sample ID:	F24649-36	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	80.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021937.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	82	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	82	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	100	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	820	310	ug/kg	
86-74-8	Carbazole	ND	200	41	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	82	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	41	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-15C-24-0604		
Lab Sample ID:	F24649-36	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	80.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	200	41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	41	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	82	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	82	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	82	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	200	ug/kg	
84-66-2	Diethyl phthalate	ND	410	100	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	100	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	82	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	82	ug/kg	
67-72-1	Hexachloroethane	ND	200	82	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	82	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	100	ug/kg	
99-09-2	3-Nitroaniline	ND	410	100	ug/kg	
100-01-6	4-Nitroaniline	ND	410	100	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	41	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	82	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	73%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-06-0604		
Lab Sample ID:	F24649-25	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021925.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-06-0604		
Lab Sample ID:	F24649-25	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	74%		50-128%
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	64%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-12-0604		
Lab Sample ID:	F24649-26	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021926.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-12-0604		
Lab Sample ID:	F24649-26	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	70	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	70	ug/kg	
67-72-1	Hexachloroethane	ND	170	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	70	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	70%		50-128%
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	65%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-24-0604		
Lab Sample ID:	F24649-27	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021927.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	890	360	ug/kg	
87-86-5	Pentachlorophenol	ND	890	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	89	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-16C-24-0604		
Lab Sample ID:	F24649-27	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	89	ug/kg	
99-09-2	3-Nitroaniline	ND	360	89	ug/kg	
100-01-6	4-Nitroaniline	ND	360	89	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		45-114%
4165-62-2	Phenol-d5	64%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%
4165-60-0	Nitrobenzene-d5	60%		41-123%
321-60-8	2-Fluorobiphenyl	63%		46-122%
1718-51-0	Terphenyl-d14	70%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-06-0604		
Lab Sample ID:	F24649-7	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.2
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021903.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	890	360	ug/kg	
87-86-5	Pentachlorophenol	ND	890	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	89	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-06-0604		
Lab Sample ID:	F24649-7	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.2
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	89	ug/kg	
99-09-2	3-Nitroaniline	ND	360	89	ug/kg	
100-01-6	4-Nitroaniline	ND	360	89	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		45-114%
4165-62-2	Phenol-d5	80%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	79%		46-122%
1718-51-0	Terphenyl-d14	84%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-12-0604		
Lab Sample ID:	F24649-8	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021904.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	880	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	180	35	ug/kg	
	3&4-Methylphenol	ND	180	35	ug/kg	
88-75-5	2-Nitrophenol	ND	180	35	ug/kg	
100-02-7	4-Nitrophenol	ND	880	350	ug/kg	
87-86-5	Pentachlorophenol	ND	880	350	ug/kg	
108-95-2	Phenol	ND	180	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	ND	180	35	ug/kg	
208-96-8	Acenaphthylene	ND	180	35	ug/kg	
120-12-7	Anthracene	ND	180	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	88	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	180	35	ug/kg	
218-01-9	Chrysene	ND	180	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-12-0604		
Lab Sample ID:	F24649-8	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.8
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	70	ug/kg	
132-64-9	Dibenzofuran	ND	180	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	88	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	180	ug/kg	
84-66-2	Diethyl phthalate	ND	350	88	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	88	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	180	ug/kg	
206-44-0	Fluoranthene	ND	180	35	ug/kg	
86-73-7	Fluorene	ND	180	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	70	ug/kg	
67-72-1	Hexachloroethane	ND	180	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	70	ug/kg	
78-59-1	Isophorone	ND	180	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	88	ug/kg	
99-09-2	3-Nitroaniline	ND	350	88	ug/kg	
100-01-6	4-Nitroaniline	ND	350	88	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	
98-95-3	Nitrobenzene	ND	180	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	35	ug/kg	
85-01-8	Phenanthrene	ND	180	35	ug/kg	
129-00-0	Pyrene	ND	180	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	86%		50-128%
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	91%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-24-0604		
Lab Sample ID:	F24649-9	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	91.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021905.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	900	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	72	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	900	360	ug/kg	
87-86-5	Pentachlorophenol	ND	900	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	72	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	90	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	720	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	72	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-5C-24-0604		
Lab Sample ID:	F24649-9	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	91.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	72	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	72	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	72	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	90	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	90	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	90	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	72	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	72	ug/kg	
67-72-1	Hexachloroethane	ND	180	72	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	72	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	90	ug/kg	
99-09-2	3-Nitroaniline	ND	360	90	ug/kg	
100-01-6	4-Nitroaniline	ND	360	90	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	72	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	72	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	82%		50-128%
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	87%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-06-0604		
Lab Sample ID:	F24649-4	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021898.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-06-0604		
Lab Sample ID:	F24649-4	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	81%		45-114%
4165-62-2	Phenol-d5	80%		44-124%
118-79-6	2,4,6-Tribromophenol	88%		50-128%
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-12-0604		
Lab Sample ID:	F24649-5	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021901.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-12-0604		
Lab Sample ID:	F24649-5	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	93%		45-114%
4165-62-2	Phenol-d5	92%		44-124%
118-79-6	2,4,6-Tribromophenol	96%		50-128%
4165-60-0	Nitrobenzene-d5	90%		41-123%
321-60-8	2-Fluorobiphenyl	89%		46-122%
1718-51-0	Terphenyl-d14	98%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-24-0604		
Lab Sample ID:	F24649-6	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021902.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-9C-24-0604		
Lab Sample ID:	F24649-6	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	70	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	70	ug/kg	
67-72-1	Hexachloroethane	ND	170	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	70	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		45-114%
4165-62-2	Phenol-d5	82%		44-124%
118-79-6	2,4,6-Tribromophenol	85%		50-128%
4165-60-0	Nitrobenzene-d5	80%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	88%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-01-0604		
Lab Sample ID:	F24649-13	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.6
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021909.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-01-0604		
Lab Sample ID:	F24649-13	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.6
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%
4165-60-0	Nitrobenzene-d5	76%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	92%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-02-0604		
Lab Sample ID:	F24649-14	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021910.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	37.2	170	34	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	36.7	170	34	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-02-0604		
Lab Sample ID:	F24649-14	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	75.0	170	34	ug/kg	J
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	56.8	170	34	ug/kg	J
129-00-0	Pyrene	72.6	170	69	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	59%		45-114%
4165-62-2	Phenol-d5	60%		44-124%
118-79-6	2,4,6-Tribromophenol	71%		50-128%
4165-60-0	Nitrobenzene-d5	57%		41-123%
321-60-8	2-Fluorobiphenyl	58%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-03-0604		
Lab Sample ID:	F24649-15	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021911.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	850	340	ug/kg	
87-86-5	Pentachlorophenol	ND	850	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	85	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-03-0604		
Lab Sample ID:	F24649-15	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	85	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	85	ug/kg	
99-09-2	3-Nitroaniline	ND	340	85	ug/kg	
100-01-6	4-Nitroaniline	ND	340	85	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	81%		45-114%
4165-62-2	Phenol-d5	81%		44-124%
118-79-6	2,4,6-Tribromophenol	86%		50-128%
4165-60-0	Nitrobenzene-d5	80%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	92%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-04-0604		
Lab Sample ID:	F24649-37	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.6
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021938.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	ND	170	35	ug/kg	
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	ND	170	35	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	KW-DUP-04-0604		
Lab Sample ID:	F24649-37	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.6
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	84%		45-135%

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG F24649

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
M	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
PCS	%	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
OS	%	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/15/2004	06/16/2004	8	1	9
OS	%	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	%	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	%	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/15/2004	06/16/2004	8	1	9
OS	UG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	UG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	UG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	UG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	UG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9

FIELD DUPLICATE PRECISION

ANALYTE	C03D-01C-06-0604	QUAL	KW-DUP-01-0604	QUAL	RPD	DIFFERENCE
No Detections						
	C03D-01C-12-0604		KW-DUP-02-0604			
Benzo(a)Anthracene	35	U	37.2	J	6.09	2.2
Chrysene	35	U	36.7	J	4.74	1.7
Fluoranthene	35	U	75	J	72.73	40
Phenanthrene	35	U	56.8	J	47.49	21.8
Pyrene	35	U	72.6	J	69.89	37.6
	C03D-01C-24-0604		KW-DUP-03-0604			
No Detections						
	C03D-15C-12-0604		KW-DUP-04-0604			
No Detections						

OK less than 2X RL

Sedlmyer, Ed

From: Samchuck, Joseph
Sent: Wednesday, June 23, 2004 2:21 PM
To: Lee, Ethan; Sedlmyer, Ed
Subject: FW: Planned Sampling for Time-Critical NAS Key West Project

Categories: Business

Ethan, Ed,

Duplicates.

From: McRee, Emily
Sent: Monday, June 14, 2004 2:17 PM
To: Samchuck, Joseph
Cc: Thomson, Amy; Murphy, Elizabeth
Subject: FW: Planned Sampling for Time-Critical NAS Key West Project

Here is the duplicate information for the referenced project. You should be receiving the data from Accutest later this week. Let me know if you have any questions.

KW-DUP-01-0604 – C03D-01C-06-0604
KW-DUP-02-0604 – C03D-01C-12-0604
KW-DUP-03-0604 – C03D-01C-24-0604
KW-DUP-04-0604 – C03D-15C-12-0604
KW-DUP-05-0604 – C03D-07C-24-0604

Thanks for your help.

Emily

From: Bryan, Charles
Sent: Tuesday, June 01, 2004 10:21 AM
To: Samchuck, Joseph
Cc: McRee, Emily
Subject: RE: Planned Sampling for Time-Critical NAS Key West Project

Thanks Joe! This time we are using Accutest - they were less expensive than Katahdin. Emily will have the field duplicate information once it is generated in the field. It will be all soil samples this time, looking for inorganoics, SVOCs and some samples (probably 13 or 14 samples) for PCBs. We are still doing limited validation at the Key West sites, so no change there.

Chuck

From: Samchuck, Joseph
Sent: Tuesday, June 01, 2004 9:42 AM
To: Bryan, Charles
Subject: RE: Planned Sampling for Time-Critical NAS Key West Project

Chuck,

Thanks for the heads up. We'll get the task completed as quickly as possible (1 week or less). The only information that I'll need is the field duplicates. I presume the laboratory is Katahdin. Lastly, is this review still limited validation?

Joe

From: Bryan, Charles
Sent: Saturday, May 29, 2004 12:00 PM
To: Samchuck, Joseph

Southeast
ACCUTEST
Laboratories

06/23/04

Technical Report for

Tetra Tech, NUS

NAS Key West/CTO 349; Key West, FL

N0693-WR446(SS)

Accutest Job Number: F24649

Sampling Dates: 06/05/04 - 06/07/04

Report to:

Total number of pages in report: 303

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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3.23: F24649-23: C03D-04C-12-0604 77
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3.25: F24649-25: C03D-16C-06-0604 83
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3.27: F24649-27: C03D-16C-24-0604 89
3.28: F24649-28: C03D-12C-06-0604 92
3.29: F24649-29: C03D-12C-12-0604 95
3.30: F24649-30: C03D-12C-24-0604 98
3.31: F24649-31: C03D-08C-06-0604 101
3.32: F24649-32: C03D-08C-12-0604 104
3.33: F24649-33: C03D-08C-24-0604 107
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Sample Summary

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24649-1	06/05/04	12:15 GB	06/08/04	SO	Soil	C03D-13C-06-0604
F24649-2	06/05/04	12:10 GB	06/08/04	SO	Soil	C03D-13C-12-0604
F24649-3	06/05/04	12:05 GB	06/08/04	SO	Soil	C03D-13C-24-0604
F24649-4	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-06-0604
F24649-5	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-12-0604
F24649-6	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-24-0604
F24649-7	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-06-0604
F24649-8	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-12-0604
F24649-9	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-24-0604
F24649-10	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-06-0604
F24649-11	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-12-0604
F24649-12	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-24-0604
F24649-13	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-01-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F24649-14	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-02-0604
F24649-15	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-03-0604
F24649-16	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-06-0604
F24649-17	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-12-0604
F24649-18	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-24-0604
F24649-19	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-06-0604
F24649-20	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-12-0604
F24649-21	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-24-0604
F24649-22	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-06-0604
F24649-23	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-12-0604
F24649-24	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-24-0604
F24649-25	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-06-0604
F24649-26	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-12-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24649-27	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-24-0604
F24649-28	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-06-0604
F24649-29	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-12-0604
F24649-30	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-24-0604
F24649-31	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-06-0604
F24649-32	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-12-0604
F24649-32D	06/07/04	12:20 GB	06/08/04	SO	Soil Dup/MSD	C03D-08C-12-0604
F24649-32S	06/07/04	12:20 GB	06/08/04	SO	Soil Matrix Spike	C03D-08C-12-0604
F24649-33	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-24-0604
F24649-33D	06/07/04	12:20 GB	06/08/04	SO	Soil Dup/MSD	C03D-08C-24-0604
F24649-33S	06/07/04	12:20 GB	06/08/04	SO	Soil Matrix Spike	C03D-08C-24-0604
F24649-34	06/07/04	15:25 GB	06/08/04	SO	Soil	C03D-15C-06-0604
F24649-35	06/07/04	15:45 GB	06/08/04	SO	Soil	C03D-15C-12-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F24649-36	06/07/04	15:45	GB	06/08/04	SO	Soil	C03D-15C-24-0604
F24649-37	06/07/04	00:00	GB	06/08/04	SO	Soil	KW-DUP-04-0604
F24649-38	06/07/04	16:10	GB	06/08/04	SO	Soil	C03D-14C-06-0604
F24649-39	06/07/04	16:10	GB	06/08/04	SO	Soil	C03D-14C-12-0604
F24649-40	06/07/04	16:10	GB	06/08/04	SO	Soil	C03D-14C-24-0604

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:** F24649

Site: NAS Key West/CTO 349; Key West, FL **Report Date** 6/21/04 9:48:50 AM

40 Samples were collected on between 06/05/2004 and 06/07/2004 and were received at Accutest on 06/08/2004 properly preserved, at 1.2 Deg. C and intact. These Samples received an Accutest job number of F24649. 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 GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP10656

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F24649-4MS, F24649-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP10674

All samples were extracted 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 F24649-32MS, F24649-32MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP10685

All samples were extracted 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 F24685-6MS, F24685-6MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: SO **Batch ID:** MP6765

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 F24649-32DUP, F24649-32MS, F24649-32MSD, F24649-32SDL were used as the QC samples for metals.

Matrix Spike Recovery and Matrix Spike Duplicate Recovery for Potassium are outside control limits. Spike recoverys indicate possible matrix interference and/or sample nonhomogeneity.
RPDs for Duplicate for Cobalt, Copper, Lead, Silver are outside control limits for sample MP6765-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Arsenic, Cobalt, Copper, Lead, Nickel, Sodium, Calcium, Magnesium, Potassium are outside control limits for sample MP6765-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL) for Arsenic, Cobalt, Copper, Lead, Nickel, Sodium.

MP6765-SD1 for Calcium, Magnesium, Potassium: Serial dilution indicates possible matrix interference.

F24649-18 for Selenium: Elevated reporting limits due to matrix interference.

F24649-2 for Selenium: Elevated reporting limits due to matrix interference.

F24649-1 for Selenium: Elevated reporting limits due to matrix interference.

F24649-4 for Selenium: Elevated reporting limits due to matrix interference.

F24649-32 for Selenium: Elevated reporting limits due to matrix interference.

F24649-6 for Selenium: Elevated reporting limits due to matrix interference.

F24649-19 for Selenium: Elevated reporting limits due to matrix interference.

F24649-11 for Selenium: Elevated reporting limits due to matrix interference.

F24649-16 for Selenium: Elevated reporting limits due to matrix interference.

Metals By Method SW846 6010B

Matrix: SO **Batch ID:** MP6765

F24649-10 for Selenium: Elevated reporting limits due to matrix interference.

F24649-9 for Selenium: Elevated reporting limits due to matrix interference.

F24649-7 for Selenium: Elevated reporting limits due to matrix interference.

F24649-17 for Selenium: Elevated reporting limits due to matrix interference.

F24649-5 for Selenium: Elevated reporting limits due to matrix interference.

F24649-12 for Selenium: Elevated reporting limits due to matrix interference.

F24649-13 for Selenium: Elevated reporting limits due to matrix interference.

F24649-14 for Selenium: Elevated reporting limits due to matrix interference.

F24649-15 for Selenium: Elevated reporting limits due to matrix interference.

F24649-3 for Selenium: Elevated reporting limits due to matrix interference.

F24649-8 for Selenium: Elevated reporting limits due to matrix interference.

Matrix: SO **Batch ID:** MP6766

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 F24649-33DUP, F24649-33MS, F24649-33MSD, F24649-33SDL were used as the QC samples for metals.

Matrix Spike Recoverys for Antimony, Barium, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

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

Matrix Spike Recovery for Calcium is 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 Barium, Lead, Zinc, Cobalt, Sodium are outside control limits for sample MP6766-D1 for Barium, Lead, Zinc. High RPD due to possible sample nonhomogeneity.

MP6766-D1 for Sodium: RPD acceptable due to low duplicate and sample concentrations.

MP6766-D1 for Cobalt: RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Arsenic, Cadmium, Nickel, Tin, Calcium, Chromium, Iron, Lead, Magnesium, Manganese, Potassium, Zinc are outside control limits for sample MP6766-SD1, MP6766-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL) for Arsenic, Cadmium, Nickel, Tin.

MP6766-SD1 for Calcium, Chromium, Iron, Lead, Magnesium, Manganese, Potassium, Zinc: Serial dilution indicates possible matrix interference.

F24649-37 for Selenium: Elevated reporting limits due to matrix interference.

F24649-36 for Selenium: Elevated reporting limits due to matrix interference.

F24649-35 for Selenium: Elevated reporting limits due to matrix interference.

F24649-34 for Selenium: Elevated reporting limits due to matrix interference.

F24649-40 for Selenium: Elevated reporting limits due to matrix interference.

F24649-31 for Selenium: Elevated reporting limits due to matrix interference.

F24649-38 for Selenium: Elevated reporting limits due to matrix interference.

F24649-33 for Selenium: Elevated reporting limits due to matrix interference.

F24649-39 for Selenium: Elevated reporting limits due to matrix interference.

Metals By Method SW846 7471A

Matrix: SO **Batch ID:** MP6769

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 F24649-32DUP, F24649-32MS, F24649-32MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP6770

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 F24649-33DUP, F24649-33MS, F24649-33MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN14752

Sample F24649-3DUP was used as the QC sample for Solids, Percent.

Matrix: SO **Batch ID:** GN14753

Sample F24649-21DUP was used as the QC sample for Solids, Percent.

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:

_____ Date: June 21, 2004

Ellen Pampel, Inorganic QA (signature on file)

Monday, June 21, 2004

#2

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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 HNO3	PRESERVATION H2SO4	PRESERVATION NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
10	C03D-01C-06-0604	6/6/04	0904	GB	SO	1					X	X	X	
11	C03D-01C-12-0604		0904											
12	C03D-01C-24-0604		0904											
13	KW-DUP-01-0604		0000											
14	[redacted]-DUP-02 0604		0000											
15	[redacted]-DUP-03-0604		0000											
16	C03D-02C-06-0604		1032											
17	C03D-02C-12-0604		1032											
18	C03D-02C-24-0604		1032											
19	[redacted]D-03C-06-0604		~~1035~~ 1420											
20	[redacted]D-03C-12-0604		1420											

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1

F24649: Chain of Custody
Page 2 of 6

ACCUTEST Laboratories

#3

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 803/649 7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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 HNO3	PRESERVATION H2SO4	PRESERVATION NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
21	C03D-03C-24-0604	6/6/04	1420	GB	SO	1					X	X	X	
22	C03D-04C-06-0604	↓	1501	↓	↓	↓					↓	↓	↓	
23	C03D-04C-12-0604	↓	1501	↓	↓	↓					↓	↓	↓	
24	C03D-04C-24-0604	↓	1501	↓	↓	↓					↓	↓	↓	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. Barry Bungy	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [illegible] 6/8/04
RELINQUISHED BY: 3.	DATE TIME:	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 4.2 C

4.1

F24649: Chain of Custody
Page 3 of 6

ACCUTEST Laboratories

#5

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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	HNO3	H2SO4	NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
31	C03D-08C-24-0604	6/7/04	1220	GB	SO	1				X	X	X	
32	C03D-08C-24-0604 MS		1220			1							
33	C03D-08C-24-0604 MSD		1220			2							
34	C03D-15C-06-0604		1525			2							
35	C03D-15C-12-0604		1525			2							
36	C03D-15C-24-0604		1525			2							
37	KW-DUP-04-0604		0000			2							
38	C03D-14C-06-0604		1610			2							
39	C03D-14C-06 12-0604		1610			2							
40 (38)	C03D-14C-24-0604		1610			2							
	MM 6/8/04												

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/07/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1

F24649: Chain of Custody
Page 5 of 6

ACCUTEST Laboratories

#1

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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	TAL Metals + Tin	TCL SVOCs	LAB USE ONLY
1	C03D-13C-06-0604	6/5/04	1215	GB	SO	1					X	X	X	
2	C03D-13-C-12-0604	6/5/04	1210											
3	C03D-13-C-24-0604		1205											
4	C03D-9C-06-0604		1248											
5	C03D-9C-12-0604		1248											
6	C03D-9C-24-0604		1248											
7	C03D-5C-06-0604		1604											
8	C03D-5C-12-0604		1604											
9	C03D-5C-24-0604		1604											

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. Gary Bragg	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1

ACCUTEST Laboratories

ACCUTEST #4

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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	H_2SO_4	HNO_3	NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
25	C03D-16C-06-0604	6/7/04	0955	GB	SO	1					X	X	X	
26	C03D-16C-12-0604	↓	↓	↓	↓	↓					↓	↓	↓	
27	C03D-16C-24-0604		↓											
28	C03D-12C-06-0604		1055											
29	C03D-12C-12-0604		↓											
30	C03D-12C-24-0604													
31	C03D-08C-06-0604		1220											
32	C03D-08C-12-0604		1220											
32	C03D-08C-12-0604 MS		1220											
33	C03D-08C-12-0604 MSD	↓	1220	↓	↓	↓					↓	↓	↓	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7day

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

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. [signature]	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1

F24649: Chain of Custody
Page 4 of 6

ACCUTEST laboratories

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	L021893.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	L021893.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	83%	45-114%
4165-62-2	Phenol-d5	82%	44-124%
118-79-6	2,4,6-Tribromophenol	86%	50-128%
4165-60-0	Nitrobenzene-d5	83%	41-123%
321-60-8	2-Fluorobiphenyl	82%	46-122%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	L021893.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	90%	45-135%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	W020290.D	1	06/15/04	ME	06/11/04	OP10656	SW1067

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	W020290.D	1	06/15/04	ME	06/11/04	OP10656	SW1067

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	81%	45-114%
4165-62-2	Phenol-d5	80%	44-124%
118-79-6	2,4,6-Tribromophenol	78%	50-128%
4165-60-0	Nitrobenzene-d5	81%	41-123%
321-60-8	2-Fluorobiphenyl	79%	46-122%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MB	W020290.D	1	06/15/04	ME	06/11/04	OP10656	SW1067

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	93%	45-135%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021919.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021919.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	79%	45-114%
4165-62-2	Phenol-d5	79%	44-124%
118-79-6	2,4,6-Tribromophenol	81%	50-128%
4165-60-0	Nitrobenzene-d5	79%	41-123%
321-60-8	2-Fluorobiphenyl	79%	46-122%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021919.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	89%	45-135%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021944.D	1	06/16/04	ME	06/14/04	OP10674	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021944.D	1	06/16/04	ME	06/14/04	OP10674	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	82%	45-114%
4165-62-2	Phenol-d5	82%	44-124%
118-79-6	2,4,6-Tribromophenol	81%	50-128%
4165-60-0	Nitrobenzene-d5	77%	41-123%
321-60-8	2-Fluorobiphenyl	77%	46-122%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MB	L021944.D	1	06/16/04	ME	06/14/04	OP10674	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	86%	45-135%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	81%	45-114%
4165-62-2	Phenol-d5	81%	44-124%
118-79-6	2,4,6-Tribromophenol	83%	50-128%
4165-60-0	Nitrobenzene-d5	77%	41-123%
321-60-8	2-Fluorobiphenyl	78%	46-122%

Method Blank Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	95%	45-135%

5.1 C

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-BS	L021892.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1450	87	70-102
59-50-7	4-Chloro-3-methyl phenol	1670	1520	91	70-103
120-83-2	2,4-Dichlorophenol	1670	1560	94	70-101
105-67-9	2,4-Dimethylphenol	1670	1520	91	39-100
51-28-5	2,4-Dinitrophenol	3330	2850	86	34-131
534-52-1	4,6-Dinitro-o-cresol	3330	3110	93	55-122
95-48-7	2-Methylphenol	1670	1410	85	66-100
	3&4-Methylphenol	3330	2750	83	68-100
88-75-5	2-Nitrophenol	1670	1550	93	70-102
100-02-7	4-Nitrophenol	3330	2910	87	63-112
87-86-5	Pentachlorophenol	3330	2830	85	58-111
108-95-2	Phenol	1670	1400	84	68-99
95-95-4	2,4,5-Trichlorophenol	1670	1520	91	72-103
88-06-2	2,4,6-Trichlorophenol	1670	1470	88	68-100
83-32-9	Acenaphthene	1670	1530	92	73-100
208-96-8	Acenaphthylene	1670	1460	88	75-111
120-12-7	Anthracene	1670	1540	92	76-106
56-55-3	Benzo(a)anthracene	1670	1600	96	76-105
50-32-8	Benzo(a)pyrene	1670	1620	97	74-116
205-99-2	Benzo(b)fluoranthene	1670	1660	100	73-114
191-24-2	Benzo(g,h,i)perylene	1670	1550	93	67-115
207-08-9	Benzo(k)fluoranthene	1670	1690	101	72-115
101-55-3	4-Bromophenyl phenyl ether	1670	1570	94	76-102
85-68-7	Butyl benzyl phthalate	1670	1620	97	70-111
91-58-7	2-Chloronaphthalene	1670	1460	88	73-101
106-47-8	4-Chloroaniline	1670	887	53	18-101
86-74-8	Carbazole	1670	1470	88	74-113
218-01-9	Chrysene	1670	1650	99	76-102
111-91-1	bis(2-Chloroethoxy)methane	1670	1360	82	61-101
111-44-4	bis(2-Chloroethyl)ether	1670	1460	88	70-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1490	89	75-103
95-50-1	1,2-Dichlorobenzene	1670	1410	85	69-101
541-73-1	1,3-Dichlorobenzene	1670	1380	83	67-100
106-46-7	1,4-Dichlorobenzene	1670	1370	82	69-100
121-14-2	2,4-Dinitrotoluene	1670	1480	89	74-112
606-20-2	2,6-Dinitrotoluene	1670	1490	89	74-114

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-BS	L021892.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	1670	1160	70	30-102
53-70-3	Dibenzo(a,h)anthracene	1670	1570	94	66-116
132-64-9	Dibenzofuran	1670	1450	87	75-101
84-74-2	Di-n-butyl phthalate	1670	1510	91	75-109
117-84-0	Di-n-octyl phthalate	1670	1750	105	64-128
84-66-2	Diethyl phthalate	1670	1490	89	75-109
131-11-3	Dimethyl phthalate	1670	1460	88	76-106
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1570	94	69-115
206-44-0	Fluoranthene	1670	1490	89	76-112
86-73-7	Fluorene	1670	1560	94	75-105
118-74-1	Hexachlorobenzene	1670	1520	91	76-103
87-68-3	Hexachlorobutadiene	1670	1510	91	62-91
77-47-4	Hexachlorocyclopentadiene	1670	1300	78	33-112
67-72-1	Hexachloroethane	1670	1430	86	68-104
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1570	94	67-119
78-59-1	Isophorone	1670	1500	90	74-103
91-57-6	2-Methylnaphthalene	1670	1420	85	71-100
88-74-4	2-Nitroaniline	1670	1530	92	75-109
99-09-2	3-Nitroaniline	1670	1190	71	47-103
100-01-6	4-Nitroaniline	1670	1360	82	60-113
91-20-3	Naphthalene	1670	1490	89	73-100
98-95-3	Nitrobenzene	1670	1510	91	73-101
621-64-7	N-Nitroso-di-n-propylamine	1670	1370	82	69-104
86-30-6	N-Nitrosodiphenylamine	1670	1540	92	80-113
85-01-8	Phenanthrene	1670	1590	95	76-104
129-00-0	Pyrene	1670	1720	103	70-106
120-82-1	1,2,4-Trichlorobenzene	1670	1490	89	72-100

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	90%	45-114%
4165-62-2	Phenol-d5	89%	44-124%
118-79-6	2,4,6-Tribromophenol	94%	50-128%
4165-60-0	Nitrobenzene-d5	89%	41-123%
321-60-8	2-Fluorobiphenyl	85%	46-122%

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-BS	L021892.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	97%	45-135%

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-BS	L021918.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1410	85	70-102
59-50-7	4-Chloro-3-methyl phenol	1670	1550	93	70-103
120-83-2	2,4-Dichlorophenol	1670	1560	94	70-101
105-67-9	2,4-Dimethylphenol	1670	1510	91	39-100
51-28-5	2,4-Dinitrophenol	3330	2920	88	34-131
534-52-1	4,6-Dinitro-o-cresol	3330	3270	98	55-122
95-48-7	2-Methylphenol	1670	1390	83	66-100
	3&4-Methylphenol	3330	2740	82	68-100
88-75-5	2-Nitrophenol	1670	1500	90	70-102
100-02-7	4-Nitrophenol	3330	3080	92	63-112
87-86-5	Pentachlorophenol	3330	2820	85	58-111
108-95-2	Phenol	1670	1390	83	68-99
95-95-4	2,4,5-Trichlorophenol	1670	1570	94	72-103
88-06-2	2,4,6-Trichlorophenol	1670	1540	92	68-100
83-32-9	Acenaphthene	1670	1560	94	73-100
208-96-8	Acenaphthylene	1670	1470	88	75-111
120-12-7	Anthracene	1670	1590	95	76-106
56-55-3	Benzo(a)anthracene	1670	1650	99	76-105
50-32-8	Benzo(a)pyrene	1670	1650	99	74-116
205-99-2	Benzo(b)fluoranthene	1670	1710	103	73-114
191-24-2	Benzo(g,h,i)perylene	1670	1570	94	67-115
207-08-9	Benzo(k)fluoranthene	1670	1620	97	72-115
101-55-3	4-Bromophenyl phenyl ether	1670	1610	97	76-102
85-68-7	Butyl benzyl phthalate	1670	1710	103	70-111
91-58-7	2-Chloronaphthalene	1670	1450	87	73-101
106-47-8	4-Chloroaniline	1670	820	49	18-101
86-74-8	Carbazole	1670	1550	93	74-113
218-01-9	Chrysene	1670	1700	102	76-102
111-91-1	bis(2-Chloroethoxy)methane	1670	1340	80	61-101
111-44-4	bis(2-Chloroethyl)ether	1670	1410	85	70-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1540	92	75-103
95-50-1	1,2-Dichlorobenzene	1670	1370	82	69-101
541-73-1	1,3-Dichlorobenzene	1670	1310	79	67-100
106-46-7	1,4-Dichlorobenzene	1670	1340	80	69-100
121-14-2	2,4-Dinitrotoluene	1670	1550	93	74-112
606-20-2	2,6-Dinitrotoluene	1670	1570	94	74-114

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-BS	L021918.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	1670	1030	62	30-102
53-70-3	Dibenzo(a,h)anthracene	1670	1540	92	66-116
132-64-9	Dibenzofuran	1670	1500	90	75-101
84-74-2	Di-n-butyl phthalate	1670	1670	100	75-109
117-84-0	Di-n-octyl phthalate	1670	1910	115	64-128
84-66-2	Diethyl phthalate	1670	1580	95	75-109
131-11-3	Dimethyl phthalate	1670	1560	94	76-106
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1710	103	69-115
206-44-0	Fluoranthene	1670	1580	95	76-112
86-73-7	Fluorene	1670	1610	97	75-105
118-74-1	Hexachlorobenzene	1670	1580	95	76-103
87-68-3	Hexachlorobutadiene	1670	1450	87	62-91
77-47-4	Hexachlorocyclopentadiene	1670	1350	81	33-112
67-72-1	Hexachloroethane	1670	1380	83	68-104
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1590	95	67-119
78-59-1	Isophorone	1670	1480	89	74-103
91-57-6	2-Methylnaphthalene	1670	1410	85	71-100
88-74-4	2-Nitroaniline	1670	1620	97	75-109
99-09-2	3-Nitroaniline	1670	1070	64	47-103
100-01-6	4-Nitroaniline	1670	1380	83	60-113
91-20-3	Naphthalene	1670	1440	86	73-100
98-95-3	Nitrobenzene	1670	1450	87	73-101
621-64-7	N-Nitroso-di-n-propylamine	1670	1390	83	69-104
86-30-6	N-Nitrosodiphenylamine	1670	1620	97	80-113
85-01-8	Phenanthrene	1670	1650	99	76-104
129-00-0	Pyrene	1670	1730	104	70-106
120-82-1	1,2,4-Trichlorobenzene	1670	1430	86	72-100

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	89%	45-114%
4165-62-2	Phenol-d5	87%	44-124%
118-79-6	2,4,6-Tribromophenol	97%	50-128%
4165-60-0	Nitrobenzene-d5	86%	41-123%
321-60-8	2-Fluorobiphenyl	86%	46-122%

ACCUTEST Laboratories

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-BS	L021918.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	100%	45-135%

ACCUTEST Laboratories

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1320	79	70-102
59-50-7	4-Chloro-3-methyl phenol	1670	1400	84	70-103
120-83-2	2,4-Dichlorophenol	1670	1410	85	70-101
105-67-9	2,4-Dimethylphenol	1670	1310	79	39-100
51-28-5	2,4-Dinitrophenol	3330	2400	72	34-131
534-52-1	4,6-Dinitro-o-cresol	3330	2820	85	55-122
95-48-7	2-Methylphenol	1670	1310	79	66-100
	3&4-Methylphenol	3330	2600	78	68-100
88-75-5	2-Nitrophenol	1670	1350	81	70-102
100-02-7	4-Nitrophenol	3330	2760	83	63-112
87-86-5	Pentachlorophenol	3330	2770	83	58-111
108-95-2	Phenol	1670	1320	79	68-99
95-95-4	2,4,5-Trichiorophenol	1670	1440	86	72-103
88-06-2	2,4,6-Trichlorophenol	1670	1420	85	68-100
83-32-9	Acenaphthene	1670	1480	89	73-100
208-96-8	Acenaphthylene	1670	1410	85	75-111
120-12-7	Anthracene	1670	1530	92	76-106
56-55-3	Benzo(a)anthracene	1670	1540	92	76-105
50-32-8	Benzo(a)pyrene	1670	1570	94	74-116
205-99-2	Benzo(b)fluoranthene	1670	1630	98	73-114
191-24-2	Benzo(g,h,i)perylene	1670	1570	94	67-115
207-08-9	Benzo(k)fluoranthene	1670	1510	91	72-115
101-55-3	4-Bromophenyl phenyl ether	1670	1570	94	76-102
85-68-7	Butyl benzyl phthalate	1670	1600	96	70-111
91-58-7	2-Chloronaphthalene	1670	1370	82	73-101
106-47-8	4-Chloroaniline	1670	887	53	18-101
86-74-8	Carbazole	1670	1420	85	74-113
218-01-9	Chrysene	1670	1550	93	76-102
111-91-1	bis(2-Chloroethoxy)methane	1670	1230	74	61-101
111-44-4	bis(2-Chloroethyl)ether	1670	1280	77	70-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1440	86	75-103
95-50-1	1,2-Dichlorobenzene	1670	1280	77	69-101
541-73-1	1,3-Dichlorobenzene	1670	1210	73	67-100
106-46-7	1,4-Dichlorobenzene	1670	1250	75	69-100
121-14-2	2,4-Dinitrotoluene	1670	1380	83	74-112
606-20-2	2,6-Dinitrotoluene	1670	1420	85	74-114

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	1670	958	57	30-102
53-70-3	Dibenzo(a,h)anthracene	1670	1530	92	66-116
132-64-9	Dibenzofuran	1670	1410	85	75-101
84-74-2	Di-n-butyl phthalate	1670	1510	91	75-109
117-84-0	Di-n-octyl phthalate	1670	1800	108	64-128
84-66-2	Diethyl phthalate	1670	1430	86	75-109
131-11-3	Dimethyl phthalate	1670	1410	85	76-106
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1560	94	69-115
206-44-0	Fluoranthene	1670	1450	87	76-112
86-73-7	Fluorene	1670	1510	91	75-105
118-74-1	Hexachlorobenzene	1670	1500	90	76-103
87-68-3	Hexachlorobutadiene	1670	1340	80	62-91
77-47-4	Hexachlorocyclopentadiene	1670	784	47	33-112
67-72-1	Hexachloroethane	1670	1250	75	68-104
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1510	91	67-119
78-59-1	Isophorone	1670	1350	81	74-103
91-57-6	2-Methylnaphthalene	1670	1290	77	71-100
88-74-4	2-Nitroaniline	1670	1470	88	75-109
99-09-2	3-Nitroaniline	1670	1150	69	47-103
100-01-6	4-Nitroaniline	1670	1250	75	60-113
91-20-3	Naphthalene	1670	1310	79	73-100
98-95-3	Nitrobenzene	1670	1280	77	73-101
621-64-7	N-Nitroso-di-n-propylamine	1670	1310	79	69-104
86-30-6	N-Nitrosodiphenylamine	1670	1540	92	80-113
85-01-8	Phenanthrene	1670	1540	92	76-104
129-00-0	Pyrene	1670	1650	99	70-106
120-82-1	1,2,4-Trichlorobenzene	1670	1330	80	72-100

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	80%	45-114%
4165-62-2	Phenol-d5	81%	44-124%
118-79-6	2,4,6-Tribromophenol	90%	50-128%
4165-60-0	Nitrobenzene-d5	76%	41-123%
321-60-8	2-Fluorobiphenyl	80%	46-122%

Blank Spike Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	91%	45-135%

5.2 C

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MS	L021899.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
OP10656-MSD	L021900.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
F24649-4	L021898.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	F24649-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1710	1420	83	1530	90	7	54-104/18
59-50-7	4-Chloro-3-methyl phenol	ND		1710	1440	84	1570	92	9	57-107/17
120-83-2	2,4-Dichlorophenol	ND		1710	1450	85	1620	95	11	49-108/20
105-67-9	2,4-Dimethylphenol	ND		1710	1430	84	1580	93	10	42-94/25
51-28-5	2,4-Dinitrophenol	ND		3410	1060	31	1070	31	1	22-114/22
534-52-1	4,6-Dinitro-o-cresol	ND		3410	1840	54	1980	58	7	35-117/25
95-48-7	2-Methylphenol	ND		1710	1370	80	1470	86	7	54-100/18
	3&4-Methylphenol	ND		3410	2640	77	2880	84	9	55-102/18
88-75-5	2-Nitrophenol	ND		1710	1440	84	1560	91	8	48-108/19
100-02-7	4-Nitrophenol	ND		3410	2810	82	2990	88	6	46-116/15
87-86-5	Pentachlorophenol	ND		3410	2570	75	2690	79	5	45-112/16
108-95-2	Phenol	ND		1710	1400	82	1490	87	6	54-104/17
95-95-4	2,4,5-Trichlorophenol	ND		1710	1500	88	1590	93	6	56-108/23
88-06-2	2,4,6-Trichlorophenol	ND		1710	1450	85	1600	94	10	57-102/14
83-32-9	Acenaphthene	ND		1710	1490	87	1600	94	7	57-108/19
208-96-8	Acenaphthylene	ND		1710	1410	83	1530	90	8	60-120/17
120-12-7	Anthracene	ND		1710	1510	89	1630	96	8	68-105/16
56-55-3	Benzo(a)anthracene	ND		1710	1550	91	1680	99	8	69-104/24
50-32-8	Benzo(a)pyrene	ND		1710	1590	93	1690	99	6	66-114/26
205-99-2	Benzo(b)fluoranthene	ND		1710	1550	91	1680	99	8	64-113/19
191-24-2	Benzo(g,h,i)perylene	ND		1710	1500	88	1620	95	8	44-133/23
207-08-9	Benzo(k)fluoranthene	ND		1710	1620	95	1740	102	7	63-111/23
101-55-3	4-Bromophenyl phenyl ether	ND		1710	1540	90	1640	96	6	67-102/15
85-68-7	Butyl benzyl phthalate	ND		1710	1610	94	1730	101	7	61-113/16
91-58-7	2-Chloronaphthalene	ND		1710	1420	83	1520	89	7	60-103/15
106-47-8	4-Chloroaniline	ND		1710	894	52	972	57	8	22-104/27
86-74-8	Carbazole	ND		1710	1420	83	1520	89	7	70-109/21
218-01-9	Chrysene	ND		1710	1580	93	1690	99	7	68-102/25
111-91-1	bis(2-Chloroethoxy)methane	ND		1710	1270	74	1410	83	10	50-100/19
111-44-4	bis(2-Chloroethyl)ether	ND		1710	1390	82	1470	86	6	56-105/20
7005-72-3	4-Chlorophenyl phenyl ether	ND		1710	1420	83	1550	91	9	64-105/13
95-50-1	1,2-Dichlorobenzene	ND		1710	1320	77	1410	83	7	55-99/18
541-73-1	1,3-Dichlorobenzene	ND		1710	1270	74	1350	79	6	53-98/19
106-46-7	1,4-Dichlorobenzene	ND		1710	1280	75	1380	81	8	55-99/19
121-14-2	2,4-Dinitrotoluene	ND		1710	1390	82	1480	87	6	66-107/14
606-20-2	2,6-Dinitrotoluene	ND		1710	1400	82	1540	90	10	67-110/13

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MS	L021899.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
OP10656-MSD	L021900.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
F24649-4	L021898.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

5.3 C

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Compound	F24649-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
91-94-1	3,3'-Dichlorobenzidine	ND		1710	968	57	1140	67	16	25-103/24
53-70-3	Dibenzo(a,h)anthracene	ND		1710	1490	87	1620	95	8	48-130/21
132-64-9	Dibenzofuran	ND		1710	1410	83	1540	90	9	65-102/13
84-74-2	Di-n-butyl phthalate	ND		1710	1460	86	1560	91	7	62-114/16
117-84-0	Di-n-octyl phthalate	ND		1710	1870	110	1950	114	4	61-120/18
84-66-2	Diethyl phthalate	ND		1710	1430	84	1530	90	7	67-104/13
131-11-3	Dimethyl phthalate	ND		1710	1400	82	1520	89	8	66-104/13
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1710	1560	91	1690	99	8	62-115/16
206-44-0	Fluoranthene	ND		1710	1440	84	1560	91	8	58-122/22
86-73-7	Fluorene	ND		1710	1510	89	1620	95	7	64-107/21
118-74-1	Hexachlorobenzene	ND		1710	1490	87	1600	94	7	66-103/16
87-68-3	Hexachlorobutadiene	ND		1710	1380	81	1530	90	10	49-90/18
77-47-4	Hexachlorocyclopentadiene	ND		1710	1090	64	1170	69	7	10-99/34
67-72-1	Hexachloroethane	ND		1710	1300	76	1430	84	10	51-103/19
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1710	1510	89	1630	96	8	48-132/23
78-59-1	Isophorone	ND		1710	1410	83	1540	90	9	61-104/17
91-57-6	2-Methylnaphthalene	ND		1710	1340	79	1480	87	10	59-99/21
88-74-4	2-Nitroaniline	ND		1710	1510	89	1620	95	7	65-109/14
99-09-2	3-Nitroaniline	ND		1710	1230	72	1270	74	3	44-98/21
100-01-6	4-Nitroaniline	ND		1710	1290	76	1380	81	7	54-109/19
91-20-3	Naphthalene	ND		1710	1370	80	1510	89	10	59-100/21
98-95-3	Nitrobenzene	ND		1710	1370	80	1520	89	10	59-102/18
621-64-7	N-Nitroso-di-n-propylamine	ND		1710	1340	79	1410	83	5	55-106/19
86-30-6	N-Nitrosodiphenylamine	ND		1710	1540	90	1640	96	6	69-116/16
85-01-8	Phenanthrene	ND		1710	1550	91	1650	97	6	65-105/24
129-00-0	Pyrene	ND		1710	1660	97	1820	107	9	62-107/26
120-82-1	1,2,4-Trichlorobenzene	ND		1710	1380	81	1520	89	10	58-101/17

CAS No.	Surrogate Recoveries	MS	MSD	F24649-4	Limits
367-12-4	2-Fluorophenol	84%	92%	81%	45-114%
4165-62-2	Phenol-d5	83%	90%	80%	44-124%
118-79-6	2,4,6-Tribromophenol	91%	98%	88%	50-128%
4165-60-0	Nitrobenzene-d5	82%	91%	78%	41-123%
321-60-8	2-Fluorobiphenyl	80%	89%	78%	46-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10656-MS	L021899.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
OP10656-MSD	L021900.D	1	06/14/04	ME	06/11/04	OP10656	SL1176
F24649-4	L021898.D	1	06/14/04	ME	06/11/04	OP10656	SL1176

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19

CAS No.	Surrogate Recoveries	MS	MSD	F24649-4	Limits
1718-51-0	Terphenyl-d14	90%	99%	85%	45-135%

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MS	L021933.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
OP10674-MSD	L021934.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
F24649-32	L021932.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

5.3 C

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	F24649-32 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1690	1300	77	1290	76	1	54-104/18
59-50-7	4-Chloro-3-methyl phenol	ND		1690	1370	81	1370	80	0	57-107/17
120-83-2	2,4-Dichlorophenol	ND		1690	1380	82	1380	81	0	49-108/20
105-67-9	2,4-Dimethylphenol	ND		1690	1370	81	1360	80	1	42-94/25
51-28-5	2,4-Dinitrophenol	ND		3380	943	28	771	23	20	22-114/22
534-52-1	4,6-Dinitro-o-cresol	ND		3380	1890	56	1750	51	8	35-117/25
95-48-7	2-Methylphenol	ND		1690	1260	75	1270	74	1	54-100/18
	3&4-Methylphenol	ND		3380	2480	73	2540	74	2	55-102/18
88-75-5	2-Nitrophenol	ND		1690	1320	78	1360	80	3	48-108/19
100-02-7	4-Nitrophenol	ND		3380	2570	76	2590	76	1	46-116/15
87-86-5	Pentachlorophenol	ND		3380	2170	64	2170	64	0	45-112/16
108-95-2	Phenol	ND		1690	1270	75	1260	74	1	54-104/17
95-95-4	2,4,5-Trichlorophenol	ND		1690	1380	82	1340	79	3	56-108/23
88-06-2	2,4,6-Trichlorophenol	ND		1690	1330	79	1320	77	1	57-102/14
83-32-9	Acenaphthene	ND		1690	1410	84	1380	81	2	57-108/19
208-96-8	Acenaphthylene	ND		1690	1320	78	1310	77	1	60-120/17
120-12-7	Anthracene	ND		1690	1430	85	1410	83	1	68-105/16
56-55-3	Benzo(a)anthracene	ND		1690	1450	86	1420	83	2	69-104/24
50-32-8	Benzo(a)pyrene	ND		1690	1470	87	1460	86	1	66-114/26
205-99-2	Benzo(b)fluoranthene	ND		1690	1500	89	1450	85	3	64-113/19
191-24-2	Benzo(g,h,i)perylene	ND		1690	1380	82	1340	79	3	44-133/23
207-08-9	Benzo(k)fluoranthene	ND		1690	1450	86	1490	87	3	63-111/23
101-55-3	4-Bromophenyl phenyl ether	ND		1690	1450	86	1440	84	1	67-102/15
85-68-7	Butyl benzyl phthalate	ND		1690	1490	88	1500	88	1	61-113/16
91-58-7	2-Chloronaphthalene	ND		1690	1320	78	1300	76	2	60-103/15
106-47-8	4-Chloroaniline	ND		1690	808	48	803	47	1	22-104/27
86-74-8	Carbazole	ND		1690	1350	80	1340	79	1	70-109/21
218-01-9	Chrysene	ND		1690	1510	89	1470	86	3	68-102/25
111-91-1	bis(2-Chloroethoxy)methane	ND		1690	1180	70	1200	70	2	50-100/19
111-44-4	bis(2-Chloroethyl)ether	ND		1690	1290	76	1320	77	2	56-105/20
7005-72-3	4-Chlorophenyl phenyl ether	ND		1690	1400	83	1360	80	3	64-105/13
95-50-1	1,2-Dichlorobenzene	ND		1690	1220	72	1250	73	2	55-99/18
541-73-1	1,3-Dichlorobenzene	ND		1690	1190	70	1200	70	1	53-98/19
106-46-7	1,4-Dichlorobenzene	ND		1690	1190	70	1210	71	2	55-99/19
121-14-2	2,4-Dinitrotoluene	ND		1690	1300	77	1320	77	2	66-107/14
606-20-2	2,6-Dinitrotoluene	ND		1690	1330	79	1350	79	1	67-110/13

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MS	L021933.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
OP10674-MSD	L021934.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
F24649-32	L021932.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Compound	F24649-32 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
91-94-1	3,3'-Dichlorobenzidine	ND		1690	977	58	1010	59	3	25-103/24
53-70-3	Dibenzo(a,h)anthracene	ND		1690	1370	81	1340	79	2	48-130/21
132-64-9	Dibenzofuran	ND		1690	1320	78	1320	77	0	65-102/13
84-74-2	Di-n-butyl phthalate	ND		1690	1420	84	1410	83	1	62-114/16
117-84-0	Di-n-octyl phthalate	ND		1690	1670	99	1680	99	1	61-120/18
84-66-2	Diethyl phthalate	ND		1690	1370	81	1340	79	2	67-104/13
131-11-3	Dimethyl phthalate	ND		1690	1350	80	1340	79	1	66-104/13
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1690	1460	86	1460	86	0	62-115/16
206-44-0	Fluoranthene	ND		1690	1380	82	1340	79	3	58-122/22
86-73-7	Fluorene	ND		1690	1440	85	1410	83	2	64-107/21
118-74-1	Hexachlorobenzene	ND		1690	1360	81	1380	81	1	66-103/16
87-68-3	Hexachlorobutadiene	ND		1690	1300	77	1310	77	1	49-90/18
77-47-4	Hexachlorocyclopentadiene	ND		1690	1050	62	1070	63	2	10-99/34
67-72-1	Hexachloroethane	ND		1690	1230	73	1230	72	0	51-103/19
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1690	1330	79	1360	80	2	48-132/23
78-59-1	Isophorone	ND		1690	1350	80	1330	78	1	61-104/17
91-57-6	2-Methylnaphthalene	ND		1690	1270	75	1290	76	2	59-99/21
88-74-4	2-Nitroaniline	ND		1690	1390	82	1400	82	1	65-109/14
99-09-2	3-Nitroaniline	ND		1690	1080	64	1080	63	0	44-98/21
100-01-6	4-Nitroaniline	ND		1690	1240	73	1230	72	1	54-109/19
91-20-3	Naphthalene	ND		1690	1290	76	1310	77	2	59-100/21
98-95-3	Nitrobenzene	ND		1690	1300	77	1290	76	1	59-102/18
621-64-7	N-Nitroso-di-n-propylamine	ND		1690	1260	75	1280	75	2	55-106/19
86-30-6	N-Nitrosodiphenylamine	ND		1690	1430	85	1420	83	1	69-116/16
85-01-8	Phenanthrene	ND		1690	1440	85	1430	84	1	65-105/24
129-00-0	Pyrene	ND		1690	1530	91	1520	89	1	62-107/26
120-82-1	1,2,4-Trichlorobenzene	ND		1690	1300	77	1310	77	1	58-101/17

CAS No.	Surrogate Recoveries	MS	MSD	F24649-32	Limits
367-12-4	2-Fluorophenol	77%	77%	76%	45-114%
4165-62-2	Phenol-d5	77%	78%	75%	44-124%
118-79-6	2,4,6-Tribromophenol	81%	82%	77%	50-128%
4165-60-0	Nitrobenzene-d5	74%	76%	73%	41-123%
321-60-8	2-Fluorobiphenyl	74%	73%	74%	46-122%

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10674-MS	L021933.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
OP10674-MSD	L021934.D	1	06/15/04	ME	06/14/04	OP10674	SL1177
F24649-32	L021932.D	1	06/15/04	ME	06/14/04	OP10674	SL1177

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-32, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

CAS No.	Surrogate Recoveries	MS	MSD	F24649-32	Limits
1718-51-0	Terphenyl-d14	83%	83%	85%	45-135%

5.3

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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	F24685-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1790	1190	67	1170	66	2	54-104/18
59-50-7	4-Chloro-3-methyl phenol	ND		1790	1330	74	1380	78	4	57-107/17
120-83-2	2,4-Dichlorophenol	ND		1790	1330	74	1380	78	4	49-108/20
105-67-9	2,4-Dimethylphenol	ND		1790	1290	72	1320	74	2	42-94/25
51-28-5	2,4-Dinitrophenol	ND		3570	1420	40	1360	38	4	22-114/22
534-52-1	4,6-Dinitro-o-cresol	ND		3570	2190	61	2260	63	3	35-117/25
95-48-7	2-Methylphenol	ND		1790	1230	69	1200	67	2	54-100/18
	3&4-Methylphenol	ND		3570	2410	67	2450	69	2	55-102/18
88-75-5	2-Nitrophenol	ND		1790	1230	69	1250	70	2	48-108/19
100-02-7	4-Nitrophenol	ND		3570	2580	72	2690	76	4	46-116/15
87-86-5	Pentachlorophenol	ND		3570	2120	59	2240	63	6	45-112/16
108-95-2	Phenol	ND		1790	1250	70	1200	67	4	54-104/17
95-95-4	2,4,5-Trichlorophenol	ND		1790	1330	74	1390	78	4	56-108/23
88-06-2	2,4,6-Trichlorophenol	ND		1790	1300	73	1370	77	5	57-102/14
83-32-9	Acenaphthene	ND		1790	1360	76	1430	80	5	57-108/19
208-96-8	Acenaphthylene	ND		1790	1290	72	1370	77	6	60-120/17
120-12-7	Anthracene	ND		1790	1400	78	1440	81	3	68-105/16
56-55-3	Benzo(a)anthracene	ND		1790	1430	80	1480	83	3	69-104/24
50-32-8	Benzo(a)pyrene	ND		1790	1460	82	1490	84	2	66-114/26
205-99-2	Benzo(b)fluoranthene	ND		1790	1450	81	1450	81	0	64-113/19
191-24-2	Benzo(g,h,i)perylene	ND		1790	1430	80	1480	83	3	44-133/23
207-08-9	Benzo(k)fluoranthene	ND		1790	1500	84	1540	87	3	63-111/23
101-55-3	4-Bromophenyl phenyl ether	ND		1790	1410	79	1480	83	5	67-102/15
85-68-7	Butyl benzyl phthalate	ND		1790	1480	83	1520	85	3	61-113/16
91-58-7	2-Chloronaphthalene	ND		1790	1290	72	1350	76	5	60-103/15
106-47-8	4-Chloroaniline	ND		1790	918	51	961	54	5	22-104/27
86-74-8	Carbazole	ND		1790	1310	73	1370	77	4	70-109/21
218-01-9	Chrysene	ND		1790	1450	81	1520	85	5	68-102/25
111-91-1	bis(2-Chloroethoxy)methane	ND		1790	1110	62	1130	63	2	50-100/19
111-44-4	bis(2-Chloroethyl)ether	ND		1790	1240	69	1160	65	7	56-105/20
7005-72-3	4-Chlorophenyl phenyl ether	ND		1790	1340	75	1390	78	4	64-105/13
95-50-1	1,2-Dichlorobenzene	ND		1790	1060	59	1050	59	1	55-99/18
541-73-1	1,3-Dichlorobenzene	ND		1790	1030	58	1020	57	1	53-98/19
106-46-7	1,4-Dichlorobenzene	ND		1790	1030	58	1030	58	0	55-99/19
121-14-2	2,4-Dinitrotoluene	ND		1790	1280	72	1360	76	6	66-107/14
606-20-2	2,6-Dinitrotoluene	ND		1790	1320	74	1410	79	7	67-110/13

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Compound	F24685-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
91-94-1	3,3'-Dichlorobenzidine	ND		1790	773	43	824	46	6	25-103/24
53-70-3	Dibenzo(a,h)anthracene	ND		1790	1410	79	1420	80	1	48-130/21
132-64-9	Dibenzofuran	ND		1790	1310	73	1380	78	5	65-102/13
84-74-2	Di-n-butyl phthalate	ND		1790	1360	76	1440	81	6	62-114/16
117-84-0	Di-n-octyl phthalate	ND		1790	1650	92	1670	94	1	61-120/18
84-66-2	Diethyl phthalate	ND		1790	1320	74	1390	78	5	67-104/13
131-11-3	Dimethyl phthalate	ND		1790	1310	73	1410	79	7	66-104/13
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1790	1460	82	1500	84	3	62-115/16
206-44-0	Fluoranthene	ND		1790	1320	74	1400	79	6	58-122/22
86-73-7	Fluorene	ND		1790	1400	78	1470	83	5	64-107/21
118-74-1	Hexachlorobenzene	ND		1790	1370	77	1440	81	5	66-103/16
87-68-3	Hexachlorobutadiene	ND		1790	1160	65	1130	63	3	49-90/18
77-47-4	Hexachlorocyclopentadiene	ND		1790	737	41	756	42	3	10-99/34
67-72-1	Hexachloroethane	ND		1790	1040	58	1040	58	0	51-103/19
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1790	1420	80	1500	84	5	48-132/23
78-59-1	Isophorone	ND		1790	1240	69	1290	72	4	61-104/17
91-57-6	2-Methylnaphthalene	ND		1790	1170	66	1220	69	4	59-99/21
88-74-4	2-Nitroaniline	ND		1790	1360	76	1430	80	5	65-109/14
99-09-2	3-Nitroaniline	ND		1790	1160	65	1210	68	4	44-98/21
100-01-6	4-Nitroaniline	ND		1790	1190	67	1270	71	7	54-109/19
91-20-3	Naphthalene	ND		1790	1180	66	1170	66	1	59-100/21
98-95-3	Nitrobenzene	ND		1790	1160	65	1160	65	0	59-102/18
621-64-7	N-Nitroso-di-n-propylamine	ND		1790	1190	67	1160	65	3	55-106/19
86-30-6	N-Nitrosodiphenylamine	ND		1790	1390	78	1470	83	6	69-116/16
85-01-8	Phenanthrene	ND		1790	1410	79	1500	84	6	65-105/24
129-00-0	Pyrene	ND		1790	1540	86	1580	89	3	62-107/26
120-82-1	1,2,4-Trichlorobenzene	ND		1790	1180	66	1170	66	1	58-101/17

CAS No.	Surrogate Recoveries	MS	MSD	F24685-6	Limits
367-12-4	2-Fluorophenol	71%	66%	69%	45-114%
4165-62-2	Phenol-d5	73%	69%	69%	44-124%
118-79-6	2,4,6-Tribromophenol	76%	78%	76%	50-128%
4165-60-0	Nitrobenzene-d5	67%	65%	67%	41-123%
321-60-8	2-Fluorobiphenyl	72%	72%	71%	46-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24649-33

CAS No.	Surrogate Recoveries	MS	MSD	F24685-6	Limits
1718-51-0	Terphenyl-d14	81%	81%	79%	45-135%

ACCUTEST Laboratories

Semivolatile Surrogate Recovery Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Method: SW846 8270C Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
F24649-1	L021895.D	84.0	85.0	84.0	80.0	81.0	89.0
F24649-2	L021896.D	82.0	82.0	95.0	80.0	81.0	93.0
F24649-3	L021897.D	77.0	77.0	86.0	74.0	75.0	86.0
F24649-4	L021898.D	81.0	80.0	88.0	78.0	78.0	85.0
F24649-5	L021901.D	93.0	92.0	96.0	90.0	89.0	98.0
F24649-6	L021902.D	82.0	82.0	85.0	80.0	78.0	88.0
F24649-7	L021903.D	80.0	80.0	84.0	78.0	79.0	84.0
F24649-8	L021904.D	78.0	78.0	86.0	74.0	76.0	91.0
F24649-9	L021905.D	77.0	77.0	82.0	75.0	76.0	87.0
F24649-10	L021906.D	87.0	87.0	85.0	83.0	86.0	98.0
F24649-11	L021907.D	84.0	84.0	86.0	80.0	79.0	95.0
F24649-12	L021908.D	79.0	82.0	90.0	75.0	77.0	95.0
F24649-13	L021909.D	77.0	77.0	81.0	76.0	75.0	92.0
F24649-14	L021910.D	59.0	60.0	71.0	57.0	58.0	78.0
F24649-15	L021911.D	81.0	81.0	86.0	80.0	81.0	92.0
F24649-16	L021912.D	81.0	82.0	88.0	78.0	83.0	96.0
F24649-17	W020291.D	79.0	78.0	81.0	78.0	78.0	92.0
F24649-18	W020292.D	79.0	76.0	79.0	78.0	76.0	95.0
F24649-19	W020293.D	79.0	77.0	80.0	79.0	77.0	95.0
F24649-20	L021920.D	74.0	74.0	76.0	74.0	74.0	85.0
F24649-21	L021921.D	84.0	83.0	88.0	82.0	81.0	94.0
F24649-22	L021922.D	77.0	78.0	80.0	75.0	77.0	87.0
F24649-23	L021923.D	66.0	65.0	69.0	64.0	66.0	75.0
F24649-24	L021924.D	67.0	66.0	69.0	65.0	65.0	74.0
F24649-25	L021925.D	67.0	67.0	74.0	64.0	64.0	76.0
F24649-26	L021926.D	67.0	68.0	70.0	64.0	65.0	75.0
F24649-27	L021927.D	62.0	64.0	69.0	60.0	63.0	70.0
F24649-28	L021928.D	67.0	68.0	71.0	67.0	67.0	77.0
F24649-29	L021929.D	76.0	76.0	84.0	76.0	76.0	86.0
F24649-30	L021930.D	69.0	69.0	76.0	67.0	66.0	81.0
F24649-31	L021931.D	76.0	77.0	87.0	72.0	77.0	92.0
F24649-32	L021932.D	76.0	75.0	77.0	73.0	74.0	85.0
F24649-33	L021950.D	53.0	55.0	62.0	49.0	56.0	67.0
F24649-34	L021935.D	66.0	66.0	70.0	64.0	64.0	75.0
F24649-35	L021936.D	67.0	71.0	83.0	65.0	72.0	89.0
F24649-36	L021937.D	71.0	73.0	77.0	69.0	72.0	80.0
F24649-37	L021938.D	76.0	76.0	76.0	75.0	74.0	84.0
F24649-38	L021939.D	82.0	84.0	85.0	82.0	83.0	93.0
F24649-39	L021945.D	67.0	68.0	68.0	64.0	67.0	74.0
F24649-40	L021946.D	75.0	76.0	75.0	72.0	72.0	85.0

Semivolatile Surrogate Recovery Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Method: SW846 8270C Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
OP10656-BS	L021892.D	90.0	89.0	94.0	89.0	85.0	97.0
OP10656-MB	L021893.D	83.0	82.0	86.0	83.0	82.0	90.0
OP10656-MB	W020290.D	81.0	80.0	78.0	81.0	79.0	93.0
OP10656-MS	L021899.D	84.0	83.0	91.0	82.0	80.0	90.0
OP10656-MSD	L021900.D	92.0	90.0	98.0	91.0	89.0	99.0
OP10674-BS	L021918.D	89.0	87.0	97.0	86.0	86.0	100.0
OP10674-MB	L021919.D	79.0	79.0	81.0	79.0	79.0	89.0
OP10674-MB	L021944.D	82.0	82.0	81.0	77.0	77.0	86.0
OP10674-MS	L021933.D	77.0	77.0	81.0	74.0	74.0	83.0
OP10674-MSD	L021934.D	77.0	78.0	82.0	76.0	73.0	83.0
OP10685-BS	L021953.D	80.0	81.0	90.0	76.0	80.0	91.0
OP10685-MB	L021948.D	81.0	81.0	83.0	77.0	78.0	95.0
OP10685-MS	L021957.D	71.0	73.0	76.0	67.0	72.0	81.0
OP10685-MSD	L021958.D	66.0	69.0	78.0	65.0	72.0	81.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	45-114%
S2 = Phenol-d5	44-124%
S3 = 2,4,6-Tribromophenol	50-128%
S4 = Nitrobenzene-d5	41-123%
S5 = 2-Fluorobiphenyl	46-122%
S6 = Terphenyl-d14	45-135%

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1171-DFTPP	Injection Date:	06/07/04
Lab File ID:	L021792.D	Injection Time:	12:55
Instrument ID:	GCMSL		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	128779	39.6		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	125525	38.6		Pass
70	Less than 2.0% of mass 69	671	0.21	(0.53) [a]	Pass
127	40.0 - 60.0% of mass 198	155115	47.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	325120	100.0		Pass
199	5.0 - 9.0% of mass 198	21654	6.7		Pass
275	10.0 - 30.0% of mass 198	70211	21.6		Pass
365	1.0 - 100.0% of mass 198	7080	2.2		Pass
441	Present, but less than mass 443	32845	10.1	(75.1) [b]	Pass
442	40.0 - 100.0% of mass 198	220971	68.0		Pass
443	17.0 - 23.0% of mass 442	43707	13.4	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1171-IC1171	L021793.D	06/07/04	13:14	00:19	Initial cal 5
SL1171-IC1171	L021794.D	06/07/04	13:45	00:50	Initial cal 25
SL1171-IC1171	L021795.D	06/07/04	14:15	01:20	Initial cal 50
SL1171-ICC1171	L021796.D	06/07/04	14:45	01:50	Initial cal 75
SL1171-IC1171	L021797.D	06/07/04	15:15	02:20	Initial cal 100
SL1171-IC1171	L021798.D	06/07/04	15:46	02:51	Initial cal 125
SL1171-ICV1171	L021799.D	06/07/04	16:18	03:23	Initial cal verification 50
OP10604-LBS	L021800.D	06/07/04	16:51	03:56	Blank Spike
OP10604-LB	L021801.D	06/07/04	17:23	04:28	Leachate Blank
F24336-1	L021802.D	06/07/04	17:55	05:00	(used for QC only; not part of job F24649)
OP10604-MS	L021803.D	06/07/04	18:27	05:32	Matrix Spike
OP10604-MSD	L021804.D	06/07/04	18:59	06:04	Matrix Spike Duplicate
ZZZZZZ	L021805.D	06/07/04	19:30	06:35	(unrelated sample)
ZZZZZZ	L021806.D	06/07/04	20:02	07:07	(unrelated sample)
ZZZZZZ	L021807.D	06/07/04	20:33	07:38	(unrelated sample)
ZZZZZZ	L021808.D	06/07/04	21:04	08:09	(unrelated sample)
ZZZZZZ	L021809.D	06/07/04	21:34	08:39	(unrelated sample)
ZZZZZZ	L021810.D	06/07/04	22:05	09:10	(unrelated sample)
ZZZZZZ	L021811.D	06/07/04	22:36	09:41	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1171-DFTPP	Injection Date:	06/07/04
Lab File ID:	L021792.D	Injection Time:	12:55
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F24413-6	L021812.D	06/07/04	23:06	10:11	(used for QC only; not part of job F24649)
OP10604-DUP	L021813.D	06/07/04	23:37	10:42	Duplicate
ZZZZZZ	L021814.D	06/08/04	00:07	11:12	(unrelated sample)
OP10604-LS	L021815.D	06/08/04	00:38	11:43	Leachate Spike

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

Response Factor Report MSBNA02

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Initial Calibration

Calibration Files
5 =L021793.D 25 =L021794.D 50 =L021795.D 75 =L021796.D
100 =L021797.D 125 =L021798.D icv =L021799.D

Compound	5	25	50	75	100	125	icv	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	ISTD								
2) 1,4-Dioxane	0.487	0.494	0.485	0.493	0.496	0.484		0.490	1.05
3) N-nitrosodimethyl	0.616	0.660	0.654	0.645	0.641	0.643		0.643	2.33
4) Pyridine	1.235	1.332	1.335	1.362	1.328	1.397		1.331	4.04
5) Benzaldehyde	0.943	1.070	1.076	1.001	1.033	1.039		1.027	4.79
6) Aniline	1.991	2.078	1.990	1.973	1.957	1.895		1.981	3.00
7)S 2-Fluorophenol	1.127	1.214	1.177	1.183	1.165	1.150		1.169	2.53
8) bis(2-Chloroethyl	1.210	1.208	1.190	1.170	1.173	1.171		1.187	1.56
9)S Phenol-d5	1.543	1.588	1.527	1.517	1.490	1.458		1.520	2.93
10)C Phenol	1.732	1.837	1.783	1.764	1.755	1.738		1.768	2.18
11) 2-Chlorophenol	1.331	1.433	1.395	1.429	1.420	1.430		1.406	2.81
12) 1,3-Dichlorobenze	1.535	1.592	1.562	1.555	1.500	1.500		1.541	2.35
13)C 1,4-Dichlorobenze	1.546	1.587	1.568	1.565	1.529	1.501		1.549	1.99
14) 1,2-Dichlorobenze	1.447	1.510	1.459	1.450	1.441	1.421		1.455	2.07
15) Benzyl alcohol	0.829	0.890	0.904	0.905	0.930	0.932		0.899	4.19
16) bis(2-chloroisopr	1.979	1.960	1.849	1.783	1.736	1.685		1.832	6.53
17) 2-Methylphenol	1.165	1.235	1.224	1.226	1.229	1.211		1.215	2.11
18) Acetophenone	1.698	1.870	1.894	1.811	1.890	2.031		1.866	5.85
19) Hexachloroethane	0.512	0.553	0.549	0.563	0.558	0.548		0.547	3.29
20)P N-Nitroso-di-n-pr	0.919	0.951	0.939	0.902	0.937	0.937		0.931	1.87
21) 3&4-Methylphenol	1.224	1.325	1.302	1.290	1.336	1.328		1.301	3.18
22) I Naphthalene-d8	ISTD								
23)S Nitrobenzene-d5	0.336	0.364	0.357	0.368	0.366	0.354		0.357	3.26
24) Nitrobenzene	0.331	0.365	0.355	0.361	0.354	0.346		0.352	3.43
25) Isophorone	0.627	0.659	0.646	0.642	0.652	0.627		0.642	2.03
26)C 2-Nitrophenol	0.163	0.201	0.196	0.200	0.202	0.200		0.194	7.82
27) 2,4-Dimethylpheno	0.316	0.361	0.354	0.355	0.347	0.341		0.346	4.66
28) bis(2-Chloroethox	0.376	0.392	0.381	0.386	0.375	0.367		0.380	2.30
29) Benzoic Acid	0.120	0.203	0.215	0.229	0.232	0.249		0.208	22.19
---- Quadratic regression ---- Coefficient = 0.9994									
Response Ratio = -0.00752 + 0.20024 *A + 0.01596 *A^2									
30)C 2,4-Dichloropheno	0.274	0.307	0.308	0.311	0.305	0.296		0.300	4.62
31) 1,2,4-Trichlorobe	0.311	0.324	0.323	0.320	0.304	0.299		0.313	3.29
32) Naphthalene	1.008	1.035	1.013	0.980	0.967	0.948		0.992	3.27
33) 4-Chloroaniline	0.439	0.464	0.453	0.456	0.451	0.436		0.450	2.39
34) 2,6-Dichloropheno	0.287	0.305	0.303	0.302	0.294	0.292		0.297	2.36
35)C Hexachlorobutadie	0.155	0.163	0.160	0.158	0.156	0.149		0.157	3.12
36) Caprolactam	0.102	0.127	0.128	0.128	0.133	0.143		0.127	10.81
37)C 4-Chloro-3-methyl	0.273	0.305	0.308	0.317	0.321	0.319		0.307	5.89
38) 2-Methylnaphthale	0.685	0.695	0.684	0.689	0.685	0.662		0.684	1.64
39) 1-Methylnaphthale	0.653	0.700	0.673	0.666	0.665	0.647		0.667	2.78
40) 1,2,4,5-Tetrachlo	0.319	0.328	0.323	0.324	0.322	0.313		0.321	1.66
41) I Acenaphthene-d10	ISTD								

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

42)P	Hexachlorocyclope	0.089	0.211	0.248	0.270	0.282	0.289	0.231	32.49

---- Quadratic regression ---- Coefficient = 0.9997
Response Ratio = -0.02658 + 0.25540 *A + 0.01392 *A^2

43)C	2,4,6-Trichloroph	0.347	0.391	0.386	0.387	0.390	0.399	0.383	4.75
44)	2,4,5-Trichloroph	0.371	0.418	0.417	0.410	0.425	0.434	0.412	5.33
45)S	2-Fluorobiphenyl	1.392	1.406	1.375	1.347	1.320	1.334	1.362	2.50
46)	1,1'-Biphenyl	1.440	1.615	1.577	1.503	1.519	1.598	1.542	4.32
47)	2-Chloronaphthale	1.201	1.236	1.161	1.158	1.147	1.150	1.175	3.02
48)	2-Nitroaniline	0.314	0.377	0.381	0.383	0.397	0.410	0.377	8.77
49)	Acenaphthylene	1.901	2.006	1.918	1.910	1.919	1.889	1.924	2.17
50)	Dimethylphthalate	1.408	1.478	1.446	1.414	1.439	1.452	1.440	1.78
51)	2,6-Dinitrotoluen	0.282	0.335	0.320	0.321	0.329	0.336	0.320	6.31
52)C	Acenaphthene	1.199	1.225	1.193	1.171	1.165	1.167	1.187	1.99
53)	3-Nitroaniline	0.338	0.389	0.393	0.382	0.393	0.398	0.382	5.86
54)P	2,4-Dinitrophenol	0.053	0.120	0.153	0.171	0.195	0.212	0.151	38.27

---- Quadratic regression ---- Coefficient = 0.9998
Response Ratio = -0.01053 + 0.12213 *A + 0.03007 *A^2

55)	Dibenzofuran	1.702	1.752	1.748	1.663	1.691	1.715	1.712	2.00
56)	2,4-Dinitrotoluen	0.380	0.452	0.470	0.463	0.475	0.495	0.456	8.72
57)P	4-Nitrophenol	0.126	0.167	0.179	0.184	0.195	0.205	0.176	15.64

---- Quadratic regression ---- Coefficient = 0.9999
Response Ratio = -0.00274 + 0.16025 *A + 0.01440 *A^2

58)	2,3,4,6-Tetrachlo	0.241	0.307	0.322	0.320	0.324	0.326	0.307	10.73
59)	Fluorene	1.349	1.402	1.382	1.354	1.358	1.379	1.370	1.49
60)	4-Chlorophenyl-ph	0.648	0.656	0.643	0.637	0.633	0.639	0.643	1.32
61)	Diethylphthalate	1.390	1.437	1.397	1.385	1.399	1.427	1.406	1.51
62)	4-Nitroaniline	0.309	0.392	0.404	0.394	0.418	0.435	0.392	11.13
63) I	Phenanthrene-d10	----------ISTD----------							
64)	4,6-Dinitro-2-met	0.071	0.131	0.151	0.150	0.164	0.165	0.139	25.45

---- Quadratic regression ---- Coefficient = 0.9990
Response Ratio = -0.01027 + 0.14615 *A + 0.00744 *A^2

65)C	n-Nitrosodiphenyl	0.565	0.614	0.595	0.580	0.578	0.553	0.581	3.71
66)	1,2-Diphenylhydra	0.675	0.735	0.741	0.735	0.727	0.706	0.720	3.53
67)S	2,4,6-Tribromophe	0.068	0.081	0.084	0.084	0.085	0.081	0.081	7.79
68)	4-Bromophenyl-phe	0.179	0.198	0.198	0.194	0.200	0.192	0.193	3.89
69)	Hexachlorobenzene	0.181	0.193	0.187	0.187	0.192	0.181	0.187	2.64
70)	Atrazine	0.194	0.240	0.249	0.231	0.237	0.246	0.233	8.63
71)C	Pentachlorophenol	0.039	0.070	0.082	0.095	0.099	0.101	0.081	29.46

---- Quadratic regression ---- Coefficient = 0.9988
Response Ratio = -0.00935 + 0.08620 *A + 0.00601 *A^2

72)	Phenanthrene	1.134	1.167	1.151	1.111	1.133	1.091	1.131	2.42
73)	Anthracene	1.129	1.193	1.201	1.163	1.150	1.135	1.162	2.59
74)	Carbazole	1.067	1.144	1.161	1.096	1.090	1.113	1.112	3.18
75)	Di-n-butylphthala	1.168	1.283	1.325	1.267	1.276	1.260	1.263	4.12
76)C	Fluoranthene	1.150	1.222	1.236	1.159	1.219	1.198	1.197	2.98
77) I	Chrysene-d12	----------ISTD----------							
78)	Benzidine	0.730	0.969	0.987	0.971	0.939	0.941	0.923	10.42
79)	Pyrene	1.356	1.438	1.360	1.355	1.294	1.262	1.344	4.55
80)S	Terphenyl-d14	0.771	0.830	0.788	0.778	0.748	0.747	0.777	3.95
81)	Butylbenzylphthal	0.528	0.626	0.631	0.626	0.599	0.618	0.605	6.51
82)	3,3'-Dichlorobenz	0.403	0.452	0.453	0.455	0.451	0.446	0.443	4.56
83)	Benzo[a]anthracen	1.149	1.250	1.212	1.216	1.199	1.202	1.205	2.70
84)	Chrysene	1.099	1.172	1.131	1.109	1.111	1.081	1.117	2.80

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

85)	bis(2-Ethylhexyl)	0.733	0.853	0.864	0.854	0.831	0.823	0.826	5.83
86) I	Perylene-d12	----------ISTD----------							
87)C	Di-n-octylphthala	1.616	1.954	2.054	2.005	1.927	1.816	1.895	8.38
88)	Benzo[b]fluoranth	1.558	1.714	1.710	1.702	1.614	1.689	1.664	3.86
89)	Benzo[k]fluoranth	1.522	1.682	1.651	1.621	1.581	1.420	1.580	6.08
90)C	Benzo[a]pyrene	1.458	1.563	1.582	1.611	1.539	1.507	1.543	3.56
91)	Indeno[1,2,3-cd]p	1.404	1.512	1.629	1.650	1.692	1.629	1.586	6.77
92)	Dibenz[a,h]anthra	1.355	1.444	1.491	1.470	1.443	1.411	1.436	3.33
93)	Benzo[g,h,i]peryl	1.520	1.612	1.655	1.705	1.638	1.603	1.622	3.81

(#) = Out of Range

8270C.M Tue Jun 08 09:22:49 2004

Initial Calibration Verification

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICV1171
Lab FileID: L021799.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\060704\L021799.D
Acq On : 7 Jun 2004 4:18 pm
Sample : icv1171-50
Misc : op10599,sl1171,30.5,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 8
Operator: marke
Inst : MSBNA02
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	111	0.00	4.98
2		1,4-Dioxane	50.000	49.972	0.1	0	0.00	2.58
3		N-nitrosodimethylamine	50.000	55.028	-10.1	0	0.00	2.91
4		Pyridine	50.000	46.316	7.4	0	0.00	2.91
5		Benzaldehyde	50.000	0.565	98.9#	0	0.00	4.65
6		Aniline	50.000	15.654	68.7#	0	0.00	4.76
7	S	2-Fluorophenol		----------NA----------				
8		bis(2-Chloroethyl)ether	50.000	52.693	-5.4	0	0.00	4.79
9	S	Phenol-d5		----------NA----------				
10	C	Phenol	50.000	51.825	-3.7	0	0.00	4.77
11		2-Chlorophenol	50.000	51.557	-3.1	0	0.00	4.85
12		1,3-Dichlorobenzene	50.000	49.734	0.5	0	0.00	4.95
13	C	1,4-Dichlorobenzene	50.000	49.884	0.2	0	0.00	4.99
14		1,2-Dichlorobenzene	50.000	50.675	-1.3	0	0.00	5.15
15		Benzyl alcohol	50.000	50.881	-1.8	0	0.00	5.11
16		bis(2-chloroisopropyl)eth	50.000	53.421	-6.8	0	0.00	5.23
17		2-Methylphenol	50.000	50.337	-0.7	0	0.00	5.23
18		Acetophenone	50.000	49.434	1.1	0	0.00	5.33
19		Hexachloroethane	50.000	51.806	-3.6	0	0.00	5.41
20	P	N-Nitroso-di-n-propylamin	50.000	49.871	0.3	0	0.00	5.35
21		3&4-Methylphenol	100.000	99.422	0.6	0	0.00	5.35
22	I	Naphthalene-d8	40.000	40.000	0.0	113	0.00	6.16
23	S	Nitrobenzene-d5		----------NA----------				
24		Nitrobenzene	50.000	49.186	1.6	0	0.00	5.49
25		Isophorone	50.000	51.521	-3.0	0	0.00	5.70
26	C	2-Nitrophenol	50.000	51.497	-3.0	0	0.00	5.79
27		2,4-Dimethylphenol	50.000	51.126	-2.3	0	0.00	5.83
28		bis(2-Chloroethoxy)methan	50.000	46.163	7.7	0	0.00	5.91
		----------	Amount	Calc.	%Drift	----------		
29		Benzoic Acid	100.000	100.872	-0.9	0	0.00	5.97
		----------	Amount	Calc.	%Drift	----------		
30	C	2,4-Dichlorophenol	50.000	52.123	-4.2	0	0.00	6.03
31		1,2,4-Trichlorobenzene	50.000	50.158	-0.3	0	0.00	6.11
32		Naphthalene	50.000	50.993	-2.0	0	0.00	6.18
33		4-Chloroaniline	50.000	26.732	46.5#	0	0.00	6.26
34		2,6-Dichlorophenol	50.000	46.843	6.3	0	0.00	6.27
35	C	Hexachlorobutadiene	50.000	48.635	2.7	0	0.00	6.37
36		Caprolactam	50.000	49.805	0.4	0	0.00	6.63
37	C	4-Chloro-3-methylphenol	50.000	50.649	-1.3	0	0.00	6.84

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24649
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Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICV1171
Lab FileID: L021799.D

			Amount	Calc.	%Drift			
38		2-Methylnaphthalene	50.000	48.119	3.8	0	0.00	6.98
39		1-Methylnaphthalene	50.000	50.012	-0.0	0	0.00	7.12
40		1,2,4,5-Tetrachlorobenzen	50.000	46.849	6.3	0	0.00	7.25
41	I	Acenaphthene-d10	40.000	40.000	0.0	111	0.00	8.49
			Amount	Calc.	%Drift			
42	P	Hexachlorocyclopentadiene	50.000	47.247	5.5	0	0.00	7.28
			Amount	Calc.	%Drift			
43	C	2,4,6-Trichlorophenol	50.000	47.871	4.3	0	0.00	7.41
44		2,4,5-Trichlorophenol	50.000	49.394	1.2	0	0.00	7.47
45	S	2-Fluorobiphenyl		----------NA----------				
46		1,1'-Biphenyl	50.000	47.822	4.4	0	0.00	7.62
47		2-Chloronaphthalene	50.000	48.680	2.6	0	0.00	7.64
48		2-Nitroaniline	50.000	50.504	-1.0	0	0.00	7.84
49		Acenaphthylene	50.000	49.623	0.8	0	0.00	8.26
50		Dimethylphthalate	50.000	50.158	-0.3	0	0.00	8.16
51		2,6-Dinitrotoluene	50.000	49.055	1.9	0	0.00	8.26
52	C	Acenaphthene	50.000	52.537	-5.1	0	0.00	8.54
53		3-Nitroaniline	50.000	33.043	33.9#	0	0.00	8.48
			Amount	Calc.	%Drift			
54	P	2,4-Dinitrophenol	100.000	97.655	2.3	0	0.00	8.65
			Amount	Calc.	%Drift			
55		Dibenzofuran	50.000	48.723	2.6	0	0.00	8.80
56		2,4-Dinitrotoluene	50.000	50.226	-0.5	0	0.00	8.89
			Amount	Calc.	%Drift			
57	P	4-Nitrophenol	100.000	97.344	2.7	0	0.00	8.84
			Amount	Calc.	%Drift			
58		2,3,4,6-Tetrachlorophenol	50.000	46.346	7.3	0	0.00	9.09
59		Fluorene	50.000	52.671	-5.3	0	0.00	9.37
60		4-Chlorophenyl-phenylethe	50.000	49.459	1.1	0	0.00	9.39
61		Diethylphthalate	50.000	50.507	-1.0	0	0.00	9.32
62		4-Nitroaniline	50.000	48.481	3.0	0	0.00	9.50
63	I	Phenanthrene-d10	40.000	40.000	0.0	111	0.00	10.98
			Amount	Calc.	%Drift			
64		4,6-Dinitro-2-methylpheno	100.000	106.244	-6.2	0	0.00	9.58
			Amount	Calc.	%Drift			
65	C	n-Nitrosodiphenylamine	50.000	51.025	-2.0	0	0.00	9.61
66		1,2-Diphenylhydrazine	50.000	52.320	-4.6	0	0.00	9.66
67	S	2,4,6-Tribromophenol		----------NA----------				
68		4-Bromophenyl-phenylether	50.000	50.981	-2.0	0	0.00	10.22
69		Hexachlorobenzene	50.000	49.888	0.2	0	0.00	10.45
70		Atrazine	50.000	19.724	60.6#	0	0.00	10.64
			Amount	Calc.	%Drift			
71	C	Pentachlorophenol	100.000	96.837	3.2	0	0.00	10.80
			Amount	Calc.	%Drift			
72		Phenanthrene	50.000	52.898	-5.8	0	0.00	11.02
73		Anthracene	50.000	51.558	-3.1	0	0.00	11.10
74		Carbazole	50.000	50.241	-0.5	0	0.00	11.44
75		Di-n-butylphthalate	50.000	50.387	-0.8	0	0.00	12.28

Initial Calibration Verification

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICV1171
Lab FileID: L021799.D

76	C	Fluoranthene	50.000	50.604	-1.2	0	0.00	13.21
77	I	Chrysene-d12	40.000	40.000	0.0	109	0.00	15.93
78		Benzidine		----------NA----------				
79		Pyrene	50.000	54.850	-9.7	0	0.00	13.61
80	S	Terphenyl-d14		----------NA----------				
81		Butylbenzylphthalate	50.000	51.979	-4.0	0	0.00	15.08
82		3,3'-Dichlorobenzidine	50.000	35.873	28.3#	0	-0.01	15.95
83		Benzo[a]anthracene	50.000	52.958	-5.9	0	0.00	15.90
84		Chrysene	50.000	54.588	-9.2	0	0.00	15.98
85		bis(2-Ethylhexyl)phthalat	50.000	51.364	-2.7	0	0.00	16.29
86	I	Perylene-d12	40.000	40.000	0.0	107	0.00	18.45
87	C	Di-n-octylphthalate	50.000	57.607	-15.2	0	0.00	17.41
88		Benzo[b]fluoranthene	50.000	52.948	-5.9	0	0.00	17.84
89		Benzo[k]fluoranthene	50.000	54.243	-8.5	0	0.00	17.88
90	C	Benzo[a]pyrene	50.000	53.834	-7.7	0	0.00	18.35
91		Indeno[1,2,3-cd]pyrene	50.000	51.061	-2.1	0	0.00	20.07
92		Dibenz[a,h]anthracene	50.000	51.259	-2.5	0	-0.01	20.10
93		Benzo[g,h,i]perylene	50.000	51.122	-2.2	0	-0.01	20.42

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L021799.D 8270C.M Tue Jun 08 09:23:06 2004

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1176-DFTPP	Injection Date:	06/14/04
Lab File ID:	L021890.D	Injection Time:	08:32
Instrument ID:	GCMSL		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	110946	46.4		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	101983	42.7		Pass
70	Less than 2.0% of mass 69	512	0.21	(0.5) [a]	Pass
127	40.0 - 60.0% of mass 198	122744	51.3		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	239037	100.0		Pass
199	5.0 - 9.0% of mass 198	16767	7.0		Pass
275	10.0 - 30.0% of mass 198	49680	20.8		Pass
365	1.0 - 100.0% of mass 198	5084	2.1		Pass
441	Present, but less than mass 443	19314	8.1	(74.6) [b]	Pass
442	40.0 - 100.0% of mass 198	135257	56.6		Pass
443	17.0 - 23.0% of mass 442	25880	10.8	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1176-CC1171	L021891.D	06/14/04	08:51	00:19	Continuing cal 75
OP10656-BS	L021892.D	06/14/04	09:21	00:49	Blank Spike
OP10656-MB	L021893.D	06/14/04	09:51	01:19	Method Blank
ZZZZZZ	L021894.D	06/14/04	10:22	01:50	(unrelated sample)
F24649-1	L021895.D	06/14/04	10:52	02:20	C03D-13C-06-0604
F24649-2	L021896.D	06/14/04	11:23	02:51	C03D-13C-12-0604
F24649-3	L021897.D	06/14/04	11:54	03:22	C03D-13C-24-0604
F24649-4	L021898.D	06/14/04	12:25	03:53	C03D-9C-06-0604
OP10656-MS	L021899.D	06/14/04	12:57	04:25	Matrix Spike
OP10656-MSD	L021900.D	06/14/04	13:28	04:56	Matrix Spike Duplicate
F24649-5	L021901.D	06/14/04	14:00	05:28	C03D-9C-12-0604
F24649-6	L021902.D	06/14/04	14:31	05:59	C03D-9C-24-0604
F24649-7	L021903.D	06/14/04	15:03	06:31	C03D-5C-06-0604
F24649-8	L021904.D	06/14/04	15:35	07:03	C03D-5C-12-0604
F24649-9	L021905.D	06/14/04	16:07	07:35	C03D-5C-24-0604
F24649-10	L021906.D	06/14/04	16:38	08:06	C03D-01C-06-0604
F24649-11	L021907.D	06/14/04	17:31	08:59	C03D-01C-12-0604
F24649-12	L021908.D	06/14/04	18:02	09:30	C03D-01C-24-0604
F24649-13	L021909.D	06/14/04	18:33	10:01	KW-DUP-01-0604

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1176-DFTPP	Injection Date:	06/14/04
Lab File ID:	L021890.D	Injection Time:	08:32
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F24649-14	L021910.D	06/14/04	19:03	10:31	KW-DUP-02-0604
F24649-15	L021911.D	06/14/04	19:33	11:01	KW-DUP-03-0604
F24649-16	L021912.D	06/14/04	20:03	11:31	C03D-02C-06-0604

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1176-CC1171
Lab FileID: L021891.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061404\L021891.D
Acq On : 14 Jun 2004 8:51 am
Sample : cc1171-75
Misc : op10630,sl1176,1000,,,1,1,water
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA02
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.01	4.97
2		1,4-Dioxane	0.490	0.500	-2.0	103	-0.02	2.55
3		N-nitrosodimethylamine	0.643	0.691	-7.5	109	-0.02	2.89
4		Pyridine	1.331	1.352	-1.6	101	-0.02	2.89
5		Benzaldehyde	1.027	0.746	27.4#	76	-0.01	4.64
6		Aniline	1.981	2.006	-1.3	104	-0.01	4.74
7	S	2-Fluorophenol	1.169	1.179	-0.9	102	-0.01	4.05
8		bis(2-Chloroethyl)ether	1.187	1.156	2.6	101	-0.01	4.78
9	S	Phenol-d5	1.520	1.503	1.1	101	-0.01	4.75
10	C	Phenol	1.768	1.746	1.2	101	-0.02	4.75
11		2-Chlorophenol	1.406	1.438	-2.3	103	-0.01	4.84
12		1,3-Dichlorobenzene	1.541	1.544	-0.2	101	-0.02	4.94
13	C	1,4-Dichlorobenzene	1.549	1.545	0.3	101	-0.01	4.98
14		1,2-Dichlorobenzene	1.455	1.443	0.8	101	-0.01	5.13
15		Benzyl alcohol	0.899	0.909	-1.1	102	-0.02	5.10
16		bis(2-chloroisopropyl)eth	1.832	1.860	-1.5	106	-0.02	5.21
17		2-Methylphenol	1.215	1.226	-0.9	102	-0.01	5.22
18		Acetophenone	1.866	1.861	0.3	105	-0.02	5.32
19		Hexachloroethane	0.547	0.565	-3.3	102	-0.02	5.39
20	P	N-Nitroso-di-n-propylamin	0.931	0.943	-1.3	106	-0.01	5.34
21		3&4-Methylphenol	1.301	1.317	-1.2	104	-0.01	5.34
22	I	Naphthalene-d8	1.000	1.000	0.0	102	-0.02	6.14
23	S	Nitrobenzene-d5	0.357	0.375	-5.0	104	-0.02	5.46
24		Nitrobenzene	0.352	0.362	-2.8	103	-0.02	5.47
25		Isophorone	0.642	0.648	-0.9	103	-0.01	5.69
26	C	2-Nitrophenol	0.194	0.203	-4.6	104	-0.01	5.77
27		2,4-Dimethylphenol	0.346	0.358	-3.5	103	-0.02	5.82
28		bis(2-Chloroethoxy)methan	0.380	0.384	-1.1	102	-0.02	5.89
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	75.000	74.573	0.6	100	-0.02	5.95
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.300	0.309	-3.0	102	-0.01	6.02
31		1,2,4-Trichlorobenzene	0.313	0.317	-1.3	101	-0.02	6.09
32		Naphthalene	0.992	0.995	-0.3	104	-0.02	6.16
33		4-Chloroaniline	0.450	0.446	0.9	100	-0.02	6.24
34		2,6-Dichlorophenol	0.297	0.301	-1.3	102	-0.02	6.25
35	C	Hexachlorobutadiene	0.157	0.167	-6.4	108	-0.02	6.35
36		Caprolactam	0.127	0.120	5.5	96	-0.01	6.62
37	C	4-Chloro-3-methylphenol	0.307	0.316	-2.9	102	-0.02	6.83

Continuing Calibration Summary

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38	2-Methylnaphthalene	0.684	0.679	0.7	101	-0.02	6.97
39	1-Methylnaphthalene	0.667	0.671	-0.6	103	-0.02	7.10
40	1,2,4,5-Tetrachlorobenzen	0.321	0.325	-1.2	103	-0.02	7.24
41 I	Acenaphthene-d10	1.000	1.000	0.0	100	-0.02	8.48
	----------	Amount	Calc.	%Drift		----------	
42 P	Hexachlorocyclopentadiene	75.000	77.599	-3.5	103	-0.02	7.26
	----------	AvgRF	CCRF	%Dev		----------	
43 C	2,4,6-Trichlorophenol	0.383	0.403	-5.2	104	-0.02	7.39
44	2,4,5-Trichlorophenol	0.412	0.429	-4.1	105	-0.02	7.45
45 S	2-Fluorobiphenyl	1.362	1.372	-0.7	102	-0.02	7.48
46	1,1'-Biphenyl	1.542	1.542	0.0	103	-0.02	7.61
47	2-Chloronaphthalene	1.175	1.183	-0.7	102	-0.02	7.62
48	2-Nitroaniline	0.377	0.402	-6.6	105	-0.02	7.83
49	Acenaphthylene	1.924	1.939	-0.8	102	-0.02	8.24
50	Dimethylphthalate	1.440	1.418	1.5	100	-0.02	8.16
51	2,6-Dinitrotoluene	0.320	0.322	-0.6	100	-0.02	8.25
52 C	Acenaphthene	1.187	1.179	0.7	101	-0.02	8.52
53	3-Nitroaniline	0.382	0.378	1.0	99	-0.02	8.47
	----------	Amount	Calc.	%Drift		----------	
54 P	2,4-Dinitrophenol	75.000	75.217	-0.3	102	-0.02	8.63
	----------	AvgRF	CCRF	%Dev		----------	
55	Dibenzofuran	1.712	1.712	0.0	103	-0.02	8.78
56	2,4-Dinitrotoluene	0.456	0.461	-1.1	100	-0.02	8.88
	----------	Amount	Calc.	%Drift		----------	
57 P	4-Nitrophenol	75.000	77.352	-3.1	105	-0.01	8.82
	----------	AvgRF	CCRF	%Dev		----------	
58	2,3,4,6-Tetrachlorophenol	0.307	0.314	-2.3	98	-0.02	9.08
59	Fluorene	1.370	1.348	1.6	100	-0.02	9.35
60	4-Chlorophenyl-phenylethe	0.643	0.635	1.2	100	-0.02	9.37
61	Diethylphthalate	1.406	1.395	0.8	101	-0.02	9.31
62	4-Nitroaniline	0.392	0.391	0.3	99	-0.02	9.49
63 I	Phenanthrene-d10	1.000	1.000	0.0	99	-0.02	10.96
	----------	Amount	Calc.	%Drift		----------	
64	4,6-Dinitro-2-methylpheno	75.000	76.720	-2.3	105	-0.02	9.56
	----------	AvgRF	CCRF	%Dev		----------	
65 C	n-Nitrosodiphenylamine	0.581	0.585	-0.7	100	-0.02	9.60
66	1,2-Diphenylhydrazine	0.720	0.752	-4.4	102	-0.02	9.64
67 S	2,4,6-Tribromophenol	0.081	0.086	-6.2	101	-0.02	9.80
68	4-Bromophenyl-phenylether	0.193	0.201	-4.1	103	-0.02	10.20
69	Hexachlorobenzene	0.187	0.191	-2.1	101	-0.02	10.44
70	Atrazine	0.233	0.229	1.7	98	-0.02	10.63
	----------	Amount	Calc.	%Drift		----------	
71 C	Pentachlorophenol	75.000	71.680	4.4	92	-0.02	10.78
	----------	AvgRF	CCRF	%Dev		----------	
72	Phenanthrene	1.131	1.130	0.1	101	-0.02	11.00
73	Anthracene	1.162	1.166	-0.3	100	-0.02	11.08
74	Carbazole	1.112	1.103	0.8	100	-0.02	11.43
75	Di-n-butylphthalate	1.263	1.305	-3.3	102	-0.03	12.26

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1176-CC1171
Lab FileID: L021891.D

76	C	Fluoranthene	1.197	1.201	-0.3	103	-0.03	13.19
77	I	Chrysene-d12	1.000	1.000	0.0	100	-0.02	15.91
78		Benzidine	0.923	0.888	3.8	92	-0.03	13.52
79		Pyrene	1.344	1.393	-3.6	103	-0.03	13.59
80	S	Terphenyl-d14	0.777	0.806	-3.7	104	-0.03	14.00
81		Butylbenzylphthalate	0.605	0.635	-5.0	101	-0.02	15.06
82		3,3'-Dichlorobenzidine	0.443	0.454	-2.5	100	-0.02	15.93
83		Benzo[a]anthracene	1.205	1.233	-2.3	102	-0.02	15.88
84		Chrysene	1.117	1.129	-1.1	102	-0.03	15.96
85		bis(2-Ethylhexyl)phthalat	0.826	0.856	-3.6	100	-0.02	16.27
86	I	Perylene-d12	1.000	1.000	0.0	103	-0.03	18.42
87	C	Di-n-octylphthalate	1.895	1.937	-2.2	100	-0.02	17.39
88		Benzo[b]fluoranthene	1.664	1.634	1.8	99	-0.03	17.82
89		Benzo[k]fluoranthene	1.580	1.616	-2.3	103	-0.03	17.86
90	C	Benzo[a]pyrene	1.543	1.562	-1.2	100	-0.03	18.33
91		Indeno[1,2,3-cd]pyrene	1.586	1.659	-4.6	104	-0.03	20.05
92		Dibenz[a,h]anthracene	1.436	1.455	-1.3	102	-0.03	20.09
93		Benzo[g,h,i]perylene	1.622	1.641	-1.2	99	-0.03	20.41

(#) = Out of Range
L021796.D 8270C.M

SPCC's out = 0 CCC's out = 0
Tue Jun 15 10:33:00 2004

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1177-DFTPP	Injection Date:	06/15/04
Lab File ID:	L021916.D	Injection Time:	09:21
Instrument ID:	GCMSL		

5.4 C

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	146193	39.0		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	143220	38.2		Pass
70	Less than 2.0% of mass 69	305	0.08	(0.21) [a]	Pass
127	40.0 - 60.0% of mass 198	181288	48.3		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	375312	100.0		Pass
199	5.0 - 9.0% of mass 198	25765	6.9		Pass
275	10.0 - 30.0% of mass 198	82669	22.0		Pass
365	1.0 - 100.0% of mass 198	8998	2.4		Pass
441	Present, but less than mass 443	37104	9.9	(72.1) [b]	Pass
442	40.0 - 100.0% of mass 198	264768	70.5		Pass
443	17.0 - 23.0% of mass 442	51461	13.7	(19.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1177-CC1171	L021917.D	06/15/04	09:41	00:20	Continuing cal 50
OP10674-BS	L021918.D	06/15/04	10:11	00:50	Blank Spike
OP10674-MB	L021919.D	06/15/04	10:41	01:20	Method Blank
F24649-20	L021920.D	06/15/04	11:12	01:51	C03D-03C-12-0604
F24649-21	L021921.D	06/15/04	11:43	02:22	C03D-03C-24-0604
F24649-22	L021922.D	06/15/04	12:14	02:53	C03D-04C-06-0604
F24649-23	L021923.D	06/15/04	12:45	03:24	C03D-04C-12-0604
F24649-24	L021924.D	06/15/04	13:16	03:55	C03D-04C-24-0604
F24649-25	L021925.D	06/15/04	13:47	04:26	C03D-16C-06-0604
F24649-26	L021926.D	06/15/04	14:19	04:58	C03D-16C-12-0604
F24649-27	L021927.D	06/15/04	14:50	05:29	C03D-16C-24-0604
F24649-28	L021928.D	06/15/04	15:22	06:01	C03D-12C-06-0604
F24649-29	L021929.D	06/15/04	15:53	06:32	C03D-12C-12-0604
F24649-30	L021930.D	06/15/04	16:24	07:03	C03D-12C-24-0604
F24649-31	L021931.D	06/15/04	16:55	07:34	C03D-08C-06-0604
F24649-32	L021932.D	06/15/04	17:26	08:05	C03D-08C-12-0604
OP10674-MS	L021933.D	06/15/04	17:57	08:36	Matrix Spike
OP10674-MSD	L021934.D	06/15/04	18:28	09:07	Matrix Spike Duplicate
F24649-34	L021935.D	06/15/04	18:58	09:37	C03D-15C-06-0604

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1177-DFTPP	Injection Date:	06/15/04
Lab File ID:	L021916.D	Injection Time:	09:21
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F24649-35	L021936.D	06/15/04	19:29	10:08	C03D-15C-12-0604
F24649-36	L021937.D	06/15/04	19:59	10:38	C03D-15C-24-0604
F24649-37	L021938.D	06/15/04	20:30	11:09	KW-DUP-04-0604
F24649-38	L021939.D	06/15/04	21:00	11:39	C03D-14C-06-0604

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1177-CC1171
Lab FileID: L021917.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061504\L021917.D
Acq On : 15 Jun 2004 9:41 am
Sample : cc1171-50
Misc : op10656,sl1177,30.8,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA02
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02	4.96
2		1,4-Dioxane	0.490	0.504	-2.9	106	-0.02	2.55
3		N-nitrosodimethylamine	0.643	0.717	-11.5	112	-0.02	2.88
4		Pyridine	1.331	1.332	-0.1	102	-0.02	2.89
5		Benzaldehyde	1.027	0.960	6.5	91	-0.02	4.63
6		Aniline	1.981	2.008	-1.4	103	-0.02	4.73
7	S	2-Fluorophenol	1.169	1.188	-1.6	103	-0.01	4.05
8		bis(2-Chloroethyl)ether	1.187	1.172	1.3	100	-0.02	4.77
9	S	Phenol-d5	1.520	1.529	-0.6	102	-0.02	4.74
10	C	Phenol	1.768	1.788	-1.1	102	-0.02	4.75
11		2-Chlorophenol	1.406	1.436	-2.1	105	-0.02	4.84
12		1,3-Dichlorobenzene	1.541	1.574	-2.1	103	-0.02	4.93
13	C	1,4-Dichlorobenzene	1.549	1.562	-0.8	102	-0.02	4.97
14		1,2-Dichlorobenzene	1.455	1.488	-2.3	104	-0.02	5.13
15		Benzyl alcohol	0.899	0.910	-1.2	103	-0.02	5.09
16		bis(2-chloroisopropyl)eth	1.832	1.926	-5.1	106	-0.02	5.21
17		2-Methylphenol	1.215	1.215	0.0	101	-0.01	5.22
18		Acetophenone	1.866	1.857	0.5	100	-0.02	5.31
19		Hexachloroethane	0.547	0.582	-6.4	108	-0.02	5.39
20	P	N-Nitroso-di-n-propylamin	0.931	0.935	-0.4	102	-0.02	5.33
21		3&4-Methylphenol	1.301	1.274	2.1	100	-0.02	5.33
22	I	Naphthalene-d8	1.000	1.000	0.0	102	-0.02	6.13
23	S	Nitrobenzene-d5	0.357	0.373	-4.5	107	-0.02	5.45
24		Nitrobenzene	0.352	0.355	-0.9	102	-0.02	5.47
25		Isophorone	0.642	0.648	-0.9	102	-0.03	5.67
26	C	2-Nitrophenol	0.194	0.200	-3.1	104	-0.02	5.77
27		2,4-Dimethylphenol	0.346	0.354	-2.3	102	-0.02	5.81
28		bis(2-Chloroethoxy)methan	0.380	0.379	0.3	101	-0.02	5.88
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	50.000	47.463	5.1	96	-0.04	5.93
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.300	0.307	-2.3	102	-0.02	6.01
31		1,2,4-Trichlorobenzene	0.313	0.330	-5.4	104	-0.02	6.09
32		Naphthalene	0.992	1.001	-0.9	101	-0.03	6.15
33		4-Chloroaniline	0.450	0.445	1.1	100	-0.02	6.24
34		2,6-Dichlorophenol	0.297	0.306	-3.0	103	-0.02	6.25
35	C	Hexachlorobutadiene	0.157	0.167	-6.4	106	-0.03	6.34
36		Caprolactam	0.127	0.128	-0.8	102	-0.04	6.59
37	C	4-Chloro-3-methylphenol	0.307	0.312	-1.6	103	-0.02	6.82

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1177-CC1171
Lab FileID: L021917.D

38		2-Methylnaphthalene	0.684	0.686	-0.3	102	-0.03	6.96
39		1-Methylnaphthalene	0.667	0.676	-1.3	102	-0.03	7.10
40		1,2,4,5-Tetrachlorobenzen	0.321	0.327	-1.9	103	-0.02	7.23
41	I	Acenaphthene-d10	1.000	1.000	0.0	100	-0.03	8.46
		----------	Amount	Calc.	%Drift		----------	
42	P	Hexachlorocyclopentadiene	50.000	54.668	-9.3	112	-0.03	7.25
		----------	AvgRF	CCRF	%Dev		----------	
43	C	2,4,6-Trichlorophenol	0.383	0.406	-6.0	105	-0.03	7.38
44		2,4,5-Trichlorophenol	0.412	0.429	-4.1	103	-0.03	7.44
45	S	2-Fluorobiphenyl	1.362	1.413	-3.7	103	-0.02	7.47
46		1,1'-Biphenyl	1.542	1.636	-6.1	104	-0.02	7.60
47		2-Chloronaphthalene	1.175	1.204	-2.5	104	-0.03	7.61
48		2-Nitroaniline	0.377	0.397	-5.3	104	-0.03	7.82
49		Acenaphthylene	1.924	1.943	-1.0	101	-0.03	8.23
50		Dimethylphthalate	1.440	1.454	-1.0	100	-0.03	8.14
51		2,6-Dinitrotoluene	0.320	0.333	-4.1	104	-0.03	8.23
52	C	Acenaphthene	1.187	1.199	-1.0	100	-0.03	8.52
53		3-Nitroaniline	0.382	0.378	1.0	96	-0.03	8.45
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	50.000	53.357	-6.7	108	-0.03	8.62
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.712	1.735	-1.3	99	-0.03	8.77
56		2,4-Dinitrotoluene	0.456	0.477	-4.6	101	-0.03	8.86
		----------	Amount	Calc.	%Drift		----------	
57	P	4-Nitrophenol	50.000	53.783	-7.6	107	-0.02	8.82
		----------	AvgRF	CCRF	%Dev		----------	
58		2,3,4,6-Tetrachlorophenol	0.307	0.313	-2.0	97	-0.02	9.07
59		Fluorene	1.370	1.398	-2.0	101	-0.03	9.33
60		4-Chlorophenyl-phenylethe	0.643	0.658	-2.3	102	-0.03	9.36
61		Diethylphthalate	1.406	1.463	-4.1	105	-0.03	9.30
62		4-Nitroaniline	0.392	0.388	1.0	96	-0.04	9.47
63	I	Phenanthrene-d10	1.000	1.000	0.0	98	-0.03	10.95
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	50.000	53.886	-7.8	104	-0.03	9.55
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.581	0.607	-4.5	100	-0.03	9.59
66		1,2-Diphenylhydrazine	0.720	0.764	-6.1	101	-0.03	9.62
67	S	2,4,6-Tribromophenol	0.081	0.087	-7.4	102	-0.03	9.79
68		4-Bromophenyl-phenylether	0.193	0.209	-8.3	104	-0.03	10.19
69		Hexachlorobenzene	0.187	0.194	-3.7	102	-0.03	10.42
70		Atrazine	0.233	0.251	-7.7	99	-0.03	10.62
		----------	Amount	Calc.	%Drift		----------	
71	C	Pentachlorophenol	50.000	47.363	5.3	97	-0.03	10.78
		----------	AvgRF	CCRF	%Dev		----------	
72		Phenanthrene	1.131	1.166	-3.1	100	-0.03	10.99
73		Anthracene	1.162	1.220	-5.0	100	-0.03	11.07
74		Carbazole	1.112	1.150	-3.4	97	-0.03	11.41
75		Di-n-butylphthalate	1.263	1.393	-10.3	103	-0.03	12.25

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1177-CC1171
Lab FileID: L021917.D

76	C	Fluoranthene	1.197	1.242	-3.8	99	-0.03	13.18
77	I	Chrysene-d12	1.000	1.000	0.0	95	-0.03	15.90
78		Benzidine	0.923	0.921	0.2	89	-0.04	13.51
79		Pyrene	1.344	1.413	-5.1	99	-0.04	13.58
80	S	Terphenyl-d14	0.777	0.822	-5.8	99	-0.04	13.99
81		Butylbenzylphthalate	0.605	0.672	-11.1	101	-0.03	15.06
82		3,3'-Dichlorobenzidine	0.443	0.462	-4.3	97	-0.03	15.93
83		Benzo[a]anthracene	1.205	1.248	-3.6	98	-0.03	15.87
84		Chrysene	1.117	1.128	-1.0	95	-0.04	15.95
85		bis(2-Ethylhexyl)phthalat	0.826	0.917	-11.0	101	-0.03	16.26
86	I	Perylene-d12	1.000	1.000	0.0	100	-0.03	18.42
87	C	Di-n-octylphthalate	1.895	2.114	-11.6	103	-0.03	17.38
88		Benzo[b]fluoranthene	1.664	1.653	0.7	97	-0.03	17.81
89		Benzo[k]fluoranthene	1.580	1.630	-3.2	99	-0.04	17.85
90	C	Benzo[a]pyrene	1.543	1.569	-1.7	100	-0.04	18.32
91		Indeno[1,2,3-cd]pyrene	1.586	1.658	-4.5	102	-0.04	20.04
92		Dibenz[a,h]anthracene	1.436	1.508	-5.0	102	-0.04	20.07
93		Benzo[g,h,i]perylene	1.622	1.717	-5.9	104	-0.04	20.40

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L021795.D 8270C.M Wed Jun 16 08:20:09 2004

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1178-DFTPP	Injection Date:	06/16/04
Lab File ID:	L021942.D	Injection Time:	07:56
Instrument ID:	GCMSL		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	169621	42.5		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	161694	40.5		Pass
70	Less than 2.0% of mass 69	856	0.21	(0.53) [a]	Pass
127	40.0 - 60.0% of mass 198	197376	49.4		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	399168	100.0		Pass
199	5.0 - 9.0% of mass 198	27174	6.8		Pass
275	10.0 - 30.0% of mass 198	85760	21.5		Pass
365	1.0 - 100.0% of mass 198	9316	2.3		Pass
441	Present, but less than mass 443	35225	8.8	(72.5) [b]	Pass
442	40.0 - 100.0% of mass 198	244040	61.1		Pass
443	17.0 - 23.0% of mass 442	48566	12.2	(19.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1178-CC1171	L021943.D	06/16/04	08:15	00:19	Continuing cal 75
OP10674-MB	L021944.D	06/16/04	08:45	00:49	Method Blank
F24649-39	L021945.D	06/16/04	09:15	01:19	C03D-14C-12-0604
F24649-40	L021946.D	06/16/04	09:45	01:49	C03D-14C-24-0604
OP10685-MB	L021948.D	06/16/04	10:45	02:49	Method Blank
F24649-33	L021950.D	06/16/04	11:47	03:51	C03D-08C-24-0604
ZZZZZZ	L021951.D	06/16/04	12:17	04:21	(unrelated sample)
ZZZZZZ	L021952.D	06/16/04	12:48	04:52	(unrelated sample)
OP10685-BS	L021953.D	06/16/04	13:18	05:22	Blank Spike
ZZZZZZ	L021954.D	06/16/04	13:50	05:54	(unrelated sample)
ZZZZZZ	L021955.D	06/16/04	14:21	06:25	(unrelated sample)
F24685-6	L021956.D	06/16/04	14:52	06:56	(used for QC only; not part of job F24649)
OP10685-MS	L021957.D	06/16/04	15:24	07:28	Matrix Spike
OP10685-MSD	L021958.D	06/16/04	15:55	07:59	Matrix Spike Duplicate
ZZZZZZ	L021959.D	06/16/04	16:27	08:31	(unrelated sample)
ZZZZZZ	L021960.D	06/16/04	16:58	09:02	(unrelated sample)
ZZZZZZ	L021962.D	06/16/04	18:01	10:05	(unrelated sample)
ZZZZZZ	L021963.D	06/16/04	18:32	10:36	(unrelated sample)
ZZZZZZ	L021964.D	06/16/04	19:04	11:08	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1178-DFTPP	Injection Date:	06/16/04
Lab File ID:	L021942.D	Injection Time:	07:56
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	L021965.D	06/16/04	19:35	11:39	(unrelated sample)

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061604\L021943.D
Acq On : 16 Jun 2004 8:15 am
Sample : cc1171-75
Misc : op10674,sl1178,30.0,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA02
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.02	4.96
2		1,4-Dioxane	0.490	0.512	-4.5	101	-0.02	2.55
3		N-nitrosodimethylamine	0.643	0.715	-11.2	108	-0.02	2.88
4		Pyridine	1.331	1.323	0.6	94	-0.02	2.89
5		Benzaldehyde	1.027	1.055	-2.7	102	-0.02	4.63
6		Aniline	1.981	2.002	-1.1	98	-0.02	4.74
7	S	2-Fluorophenol	1.169	1.180	-0.9	97	-0.02	4.04
8		bis(2-Chloroethyl)ether	1.187	1.202	-1.3	100	-0.02	4.77
9	S	Phenol-d5	1.520	1.522	-0.1	97	-0.02	4.74
10	C	Phenol	1.768	1.829	-3.5	101	-0.02	4.75
11		2-Chlorophenol	1.406	1.445	-2.8	98	-0.02	4.84
12		1,3-Dichlorobenzene	1.541	1.581	-2.6	99	-0.02	4.93
13	C	1,4-Dichlorobenzene	1.549	1.574	-1.6	98	-0.02	4.97
14		1,2-Dichlorobenzene	1.455	1.494	-2.7	100	-0.02	5.13
15		Benzyl alcohol	0.899	0.855	4.9	92	-0.02	5.10
16		bis(2-chloroisopropyl)eth	1.832	1.888	-3.1	103	-0.02	5.21
17		2-Methylphenol	1.215	1.231	-1.3	97	-0.02	5.21
18		Acetophenone	1.866	1.934	-3.6	104	-0.02	5.31
19		Hexachloroethane	0.547	0.585	-6.9	101	-0.02	5.39
20	P	N-Nitroso-di-n-propylamin	0.931	0.962	-3.3	103	-0.02	5.33
21		3&4-Methylphenol	1.301	1.326	-1.9	100	-0.02	5.33
22	I	Naphthalene-d8	1.000	1.000	0.0	98	-0.02	6.13
23	S	Nitrobenzene-d5	0.357	0.374	-4.8	100	-0.02	5.45
24		Nitrobenzene	0.352	0.364	-3.4	99	-0.02	5.47
25		Isophorone	0.642	0.651	-1.4	99	-0.02	5.68
26	C	2-Nitrophenol	0.194	0.206	-6.2	101	-0.02	5.76
27		2,4-Dimethylphenol	0.346	0.358	-3.5	99	-0.02	5.81
28		bis(2-Chloroethoxy)methan	0.380	0.379	0.3	96	-0.03	5.88
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	75.000	67.366	10.2	85	-0.03	5.94
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.300	0.309	-3.0	98	-0.02	6.01
31		1,2,4-Trichlorobenzene	0.313	0.328	-4.8	100	-0.03	6.09
32		Naphthalene	0.992	1.003	-1.1	100	-0.02	6.15
33		4-Chloroaniline	0.450	0.449	0.2	97	-0.02	6.23
34		2,6-Dichlorophenol	0.297	0.303	-2.0	98	-0.02	6.25
35	C	Hexachlorobutadiene	0.157	0.172	-9.6	106	-0.03	6.34
36		Caprolactam	0.127	0.125	1.6	96	-0.03	6.60
37	C	4-Chloro-3-methylphenol	0.307	0.317	-3.3	98	-0.03	6.82

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

38		2-Methylnaphthalene	0.684	0.685	-0.1	97	-0.03	6.96
39		1-Methylnaphthalene	0.667	0.668	-0.1	98	-0.02	7.10
40		1,2,4,5-Tetrachlorobenzen	0.321	0.334	-4.0	101	-0.03	7.23
41	I	Acenaphthene-d10	1.000	1.000	0.0	94	-0.03	8.47
		----------	Amount	Calc.	%Drift		----------	
42	P	Hexachlorocyclopentadiene	75.000	75.820	-1.1	94	-0.02	7.25
		----------	AvgRF	CCRF	%Dev		----------	
43	C	2,4,6-Trichlorophenol	0.383	0.401	-4.7	97	-0.02	7.38
44		2,4,5-Trichlorophenol	0.412	0.427	-3.6	98	-0.03	7.44
45	S	2-Fluorobiphenyl	1.362	1.395	-2.4	97	-0.03	7.47
46		1,1'-Biphenyl	1.542	1.587	-2.9	99	-0.03	7.60
47		2-Chloronaphthalene	1.175	1.188	-1.1	97	-0.03	7.61
48		2-Nitroaniline	0.377	0.399	-5.8	98	-0.03	7.82
49		Acenaphthylene	1.924	1.967	-2.2	97	-0.03	8.23
50		Dimethylphthalate	1.440	1.445	-0.3	96	-0.03	8.15
51		2,6-Dinitrotoluene	0.320	0.332	-3.8	97	-0.03	8.24
52	C	Acenaphthene	1.187	1.208	-1.8	97	-0.03	8.52
53		3-Nitroaniline	0.382	0.384	-0.5	95	-0.03	8.46
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	75.000	70.148	6.5	87	-0.03	8.62
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.712	1.719	-0.4	97	-0.03	8.77
56		2,4-Dinitrotoluene	0.456	0.472	-3.5	96	-0.03	8.87
		----------	Amount	Calc.	%Drift		----------	
57	P	4-Nitrophenol	75.000	77.328	-3.1	99	-0.02	8.81
		----------	AvgRF	CCRF	%Dev		----------	
58		2,3,4,6-Tetrachlorophenol	0.307	0.320	-4.2	94	-0.03	9.07
59		Fluorene	1.370	1.376	-0.4	96	-0.03	9.34
60		4-Chlorophenyl-phenylethe	0.643	0.650	-1.1	96	-0.03	9.36
61		Diethylphthalate	1.406	1.421	-1.1	97	-0.03	9.30
62		4-Nitroaniline	0.392	0.397	-1.3	95	-0.03	9.48
63	I	Phenanthrene-d10	1.000	1.000	0.0	94	-0.03	10.95
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	75.000	76.987	-2.6	100	-0.03	9.55
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.581	0.599	-3.1	97	-0.03	9.59
66		1,2-Diphenylhydrazine	0.720	0.749	-4.0	96	-0.03	9.63
67	S	2,4,6-Tribromophenol	0.081	0.086	-6.2	96	-0.03	9.79
68		4-Bromophenyl-phenylether	0.193	0.205	-6.2	100	-0.03	10.19
69		Hexachlorobenzene	0.187	0.195	-4.3	98	-0.03	10.43
70		Atrazine	0.233	0.245	-5.2	100	-0.03	10.62
		----------	Amount	Calc.	%Drift		----------	
71	C	Pentachlorophenol	75.000	73.144	2.5	89	-0.03	10.78
		----------	AvgRF	CCRF	%Dev		----------	
72		Phenanthrene	1.131	1.142	-1.0	97	-0.03	10.99
73		Anthracene	1.162	1.179	-1.5	95	-0.03	11.07
74		Carbazole	1.112	1.120	-0.7	96	-0.03	11.42
75		Di-n-butylphthalate	1.263	1.344	-6.4	100	-0.04	12.25

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

76	C	Fluoranthene	1.197	1.228	-2.6	100	-0.03	13.18
77	I	Chrysene-d12	1.000	1.000	0.0	95	-0.03	15.90
78		Benzidine	0.923	0.961	-4.1	94	-0.04	13.51
79		Pyrene	1.344	1.403	-4.4	99	-0.03	13.59
80	S	Terphenyl-d14	0.777	0.811	-4.4	100	-0.04	13.99
81		Butylbenzylphthalate	0.605	0.652	-7.8	99	-0.03	15.05
82		3,3'-Dichlorobenzidine	0.443	0.460	-3.8	96	-0.03	15.93
83		Benzo[a]anthracene	1.205	1.226	-1.7	96	-0.03	15.87
84		Chrysene	1.117	1.115	0.2	96	-0.03	15.95
85		bis(2-Ethylhexyl)phthalat	0.826	0.865	-4.7	97	-0.03	16.26
86	I	Perylene-d12	1.000	1.000	0.0	93	-0.03	18.42
87	C	Di-n-octylphthalate	1.895	2.063	-8.9	96	-0.03	17.38
88		Benzo[b]fluoranthene	1.664	1.721	-3.4	94	-0.03	17.82
89		Benzo[k]fluoranthene	1.580	1.650	-4.4	95	-0.04	17.85
90	C	Benzo[a]pyrene	1.543	1.627	-5.4	94	-0.03	18.33
91		Indeno[1,2,3-cd]pyrene	1.586	1.618	-2.0	91	-0.04	20.04
92		Dibenz[a,h]anthracene	1.436	1.466	-2.1	93	-0.04	20.08
93		Benzo[g,h,i]perylene	1.622	1.659	-2.3	90	-0.03	20.40

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L021796.D 8270C.M Wed Jun 16 12:52:53 2004

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1064-DFTPP	Injection Date:	06/09/04
Lab File ID:	W020219.D	Injection Time:	14:11
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36693	47.8		Pass
68	Less than 2.0% of mass 69	200	0.26	(0.63) [a]	Pass
69	Mass 69 relative abundance	31819	41.4		Pass
70	Less than 2.0% of mass 69	131	0.17	(0.41) [a]	Pass
127	40.0 - 60.0% of mass 198	41779	54.4		Pass
197	Less than 1.0% of mass 198	469	0.61		Pass
198	Base peak, 100% relative abundance	76779	100.0		Pass
199	5.0 - 9.0% of mass 198	5155	6.7		Pass
275	10.0 - 30.0% of mass 198	14061	18.3		Pass
365	1.0 - 100.0% of mass 198	1519	2.0		Pass
441	Present, but less than mass 443	7332	9.5	(83.1) [b]	Pass
442	40.0 - 100.0% of mass 198	46107	60.1		Pass
443	17.0 - 23.0% of mass 442	8819	11.5	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SW1064-IC1064	W020220.D	06/09/04	14:30	00:19	Initial cal 5
SW1064-IC1064	W020221.D	06/09/04	15:01	00:50	Initial cal 25
SW1064-IC1064	W020222.D	06/09/04	15:32	01:21	Initial cal 50
SW1064-ICC1064	W020223.D	06/09/04	16:03	01:52	Initial cal 75
SW1064-IC1064	W020224.D	06/09/04	16:34	02:23	Initial cal 100
SW1064-IC1064	W020225.D	06/09/04	17:04	02:53	Initial cal 125
SW1064-ICV1064	W020226.D	06/09/04	17:35	03:24	Initial cal verification 50
OP10581-BS	W020227.D	06/09/04	18:06	03:55	Blank Spike
OP10581-MB	W020228.D	06/09/04	18:37	04:26	Method Blank
ZZZZZZ	W020229.D	06/09/04	19:07	04:56	(unrelated sample)
ZZZZZZ	W020230.D	06/09/04	19:37	05:26	(unrelated sample)
ZZZZZZ	W020231.D	06/09/04	20:08	05:57	(unrelated sample)
ZZZZZZ	W020232.D	06/09/04	20:38	06:27	(unrelated sample)
ZZZZZZ	W020233.D	06/09/04	21:08	06:57	(unrelated sample)
ZZZZZZ	W020234.D	06/09/04	21:38	07:27	(unrelated sample)
ZZZZZZ	W020235.D	06/09/04	22:08	07:57	(unrelated sample)
ZZZZZZ	W020236.D	06/09/04	22:37	08:26	(unrelated sample)
F24290-4	W020237.D	06/09/04	23:07	08:56	(used for QC only; not part of job F24649)
OP10581-MS	W020238.D	06/09/04	23:37	09:26	Matrix Spike

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1064-DFTPP	Injection Date:	06/09/04
Lab File ID:	W020219.D	Injection Time:	14:11
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP10581-MSD	W020239.D	06/10/04	00:06	09:55	Matrix Spike Duplicate
ZZZZZZ	W020240.D	06/10/04	00:36	10:25	(unrelated sample)
ZZZZZZ	W020241.D	06/10/04	01:05	10:54	(unrelated sample)
ZZZZZZ	W020242.D	06/10/04	01:35	11:24	(unrelated sample)

5.4 C

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

Response Factor Report MSBNA01

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Initial Calibration

Calibration Files
5 =W020220.D 25 =W020221.D 50 =W020222.D 75 =W020223.D
100 =W020224.D 125 =W020225.D icv =W020226.D

Compound	5	25	50	75	100	125	icv	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	----------ISTD----------								
2) 1,4-Dioxane	0.569	0.585	0.589	0.592	0.589	0.580		0.584	1.41
3) N-nitrosodimethyl	0.622	0.674	0.680	0.675	0.666	0.682		0.667	3.39
4) Pyridine	1.423	1.524	1.503	1.470	1.491	1.500		1.485	2.37
5) Benzaldehyde	1.081	1.167	1.109	0.957	0.817			1.026	13.62
6) Aniline	2.178	2.261	2.247	2.196	2.126	2.149		2.193	2.43
7)S 2-Fluorophenol	1.323	1.387	1.385	1.349	1.341	1.336		1.354	1.97
8) bis(2-Chloroethyl	1.298	1.403	1.330	1.393	1.408	1.366		1.366	3.24
9)S Phenol-d5	1.686	1.756	1.725	1.659	1.630	1.629		1.681	3.09
10)C Phenol	1.854	1.983	1.945	1.872	1.826	1.820		1.883	3.52
11) 2-Chlorophenol	1.468	1.542	1.545	1.519	1.514	1.509		1.516	1.84
12) 1,3-Dichlorobenze	1.556	1.615	1.590	1.586	1.582	1.578		1.585	1.20
13)C 1,4-Dichlorobenze	1.592	1.673	1.654	1.616	1.588	1.593		1.619	2.23
14) 1,2-Dichlorobenze	1.481	1.509	1.526	1.499	1.474	1.471		1.493	1.45
15) Benzyl alcohol	0.937	1.015	1.005	0.994	0.988	0.992		0.988	2.73
16) bis(2-chloroisopr	2.521	2.798	2.788	2.665	2.684	2.657		2.686	3.78
17) 2-Methylphenol	1.338	1.377	1.369	1.336	1.310	1.324		1.342	1.93
18) Acetophenone	1.737	1.942	2.016	1.869	1.875	1.968		1.901	5.16
19) Hexachloroethane	0.597	0.644	0.641	0.628	0.633	0.634		0.630	2.70
20)P N-Nitroso-di-n-pr	0.952	0.974	0.975	0.954	0.960	0.943		0.960	1.32
21) 3&4-Methylphenol	1.357	1.421	1.442	1.394	1.369	1.363		1.391	2.47
22) I Naphthalene-d8	----------ISTD----------								
23)S Nitrobenzene-d5	0.340	0.368	0.370	0.366	0.363	0.364		0.362	3.04
24) Nitrobenzene	0.346	0.360	0.360	0.362	0.356	0.357		0.357	1.58
25) Isophorone	0.608	0.625	0.636	0.625	0.622	0.627		0.624	1.46
26)C 2-Nitrophenol	0.179	0.190	0.194	0.196	0.194	0.197		0.192	3.41
27) 2,4-Dimethylpheno	0.344	0.364	0.361	0.360	0.350	0.351		0.355	2.19
28) bis(2-Chloroethox	0.386	0.417	0.412	0.404	0.402	0.400		0.404	2.65
29) Benzoic Acid	0.147	0.242	0.262	0.272	0.271	0.287		0.247	20.72
---- Linear regression ---- Coefficient = 0.9983									
Response Ratio = -0.02855 + 0.28968 *A									
30)C 2,4-Dichloropheno	0.254	0.267	0.273	0.271	0.268	0.266		0.267	2.45
31) 1,2,4-Trichlorobe	0.291	0.299	0.298	0.300	0.296	0.292		0.296	1.31
32) Naphthalene	1.009	1.068	1.042	1.039	1.026	1.022		1.034	1.95
33) 4-Chloroaniline	0.413	0.430	0.425	0.427	0.418	0.411		0.421	1.88
34) 2,6-Dichloropheno	0.256	0.270	0.270	0.267	0.262	0.258		0.264	2.31
35)C Hexachlorobutadie	0.145	0.148	0.147	0.148	0.147	0.145		0.147	1.00
36) Caprolactam	0.082	0.107	0.104	0.100	0.096	0.096		0.097	8.81
37)C 4-Chloro-3-methyl	0.286	0.293	0.292	0.288	0.285	0.287		0.288	1.14
38) 2-Methylnaphthale	0.617	0.645	0.626	0.636	0.624	0.612		0.627	1.97
39) 1-Methylnaphthale	0.602	0.625	0.614	0.616	0.593	0.596		0.608	2.07
40) 1,2,4,5-Tetrachlo	0.252	0.262	0.256	0.252	0.252	0.251		0.254	1.70
41) I Acenaphthene-d10	----------ISTD----------								

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

42)P	Hexachlorocyclope	0.359	0.404	0.414	0.420	0.433	0.440	0.412	6.95
43)C	2,4,6-Trichloroph	0.385	0.418	0.409	0.417	0.419	0.430	0.413	3.73
44)	2,4,5-Trichloroph	0.419	0.448	0.438	0.442	0.438	0.438	0.437	2.24
45)S	2-Fluorobiphenyl	1.354	1.454	1.426	1.421	1.451	1.452	1.426	2.68
46)	1,1'-Biphenyl	1.584	1.729	1.731	1.654	1.679	1.792	1.695	4.27
47)	2-Chloronaphthale	1.264	1.327	1.289	1.285	1.265	1.303	1.289	1.86
48)	2-Nitroaniline	0.380	0.410	0.423	0.413	0.414	0.430	0.411	4.15
49)	Acenaphthylene	2.010	2.104	2.101	2.076	2.097	2.119	2.085	1.89
50)	Dimethylphthalate	1.331	1.350	1.312	1.270	1.271	1.298	1.305	2.46
51)	2,6-Dinitrotoluen	0.287	0.317	0.311	0.310	0.309	0.313	0.308	3.47
52)C	Acenaphthene	1.251	1.280	1.279	1.268	1.266	1.293	1.273	1.14
53)	3-Nitroaniline	0.371	0.396	0.401	0.384	0.380	0.385	0.386	2.87
54)P	2,4-Dinitrophenol	0.091	0.162	0.195	0.196	0.204	0.209	0.176	25.38

---- Quadratic regression ---- Coefficient = 0.9997
Response Ratio = -0.01577 + 0.19444 *A + 0.00624 *A^2

55)	Dibenzofuran	1.627	1.697	1.668	1.644	1.643	1.665	1.657	1.49
56)	2,4-Dinitrotoluen	0.398	0.410	0.413	0.404	0.405	0.415	0.407	1.49
57)P	4-Nitrophenol	0.185	0.201	0.207	0.207	0.198	0.209	0.201	4.43
58)	2,3,4,6-Tetrachlo	0.303	0.319	0.326	0.319	0.314	0.321	0.317	2.50
59)	Fluorene	1.283	1.336	1.306	1.284	1.282	1.299	1.298	1.61
60)	4-Chlorophenyl-ph	0.625	0.623	0.611	0.596	0.596	0.602	0.609	2.11
61)	Diethylphthalate	1.327	1.409	1.376	1.319	1.346	1.356	1.356	2.46
62)	4-Nitroaniline	0.347	0.386	0.380	0.368	0.358	0.371	0.368	3.79
63) I	Phenanthrene-d10	----------ISTD----------							
64)	4,6-Dinitro-2-met	0.090	0.137	0.151	0.153	0.160	0.162	0.142	19.04

---- Quadratic regression ---- Coefficient = 0.9999
Response Ratio = -0.00805 + 0.14876 *A + 0.00527 *A^2

65)C	n-Nitrosodiphenyl	0.577	0.620	0.605	0.607	0.610	0.598	0.603	2.38
66)	1,2-Diphenylhydra	0.880	0.929	0.908	0.908	0.915	0.999	0.923	4.40
67)S	2,4,6-Tribromophe	0.075	0.084	0.083	0.083	0.085	0.083	0.082	4.20
68)	4-Bromophenyl-phe	0.183	0.192	0.192	0.192	0.194	0.192	0.191	2.00
69)	Hexachlorobenzene	0.179	0.180	0.178	0.176	0.177	0.175	0.177	1.08
70)	Atrazine	0.193	0.212	0.208	0.190	0.193	0.204	0.200	4.56
71)C	Pentachlorophenol	0.101	0.121	0.123	0.124	0.128	0.125	0.120	8.31
72)	Phenanthrene	1.188	1.204	1.218	1.203	1.198	1.187	1.200	0.96
73)	Anthracene	1.230	1.276	1.247	1.224	1.229	1.192	1.233	2.26
74)	Carbazole	1.030	1.066	1.043	1.017	1.039	1.021	1.036	1.74
75)	Di-n-butylphthala	1.299	1.419	1.409	1.374	1.404	1.401	1.384	3.19
76)C	Fluoranthene	1.021	1.086	1.073	1.042	1.041	1.038	1.050	2.32
77) I	Chrysene-d12	----------ISTD----------							
78)	Benzidine	0.996	1.091	1.070	1.070	1.022	0.954	1.034	5.08
79)	Pyrene	1.577	1.663	1.629	1.659	1.662	1.633	1.637	2.02
80)S	Terphenyl-d14	0.844	0.902	0.886	0.899	0.904	0.881	0.886	2.54
81)	Butylbenzylphthal	0.726	0.815	0.841	0.835	0.836	0.829	0.814	5.40
82)	3,3'-Dichlorobenz	0.413	0.437	0.439	0.437	0.427	0.422	0.429	2.39
83)	Benzo[a]anthracen	1.255	1.290	1.291	1.282	1.272	1.254	1.274	1.31
84)	Chrysene	1.172	1.221	1.199	1.195	1.179	1.189	1.193	1.44
85)	bis(2-Ethylhexyl)	0.963	1.090	1.093	1.113	1.151	1.112	1.087	5.93
86) I	Perylene-d12	----------ISTD----------							
87)C	Di-n-octylphthala	2.403	2.840	2.872	2.849	3.006	3.015	2.831	7.90
88)	Benzo[b]fluoranth	1.609	1.776	1.780	1.820	1.793	1.955	1.789	6.20
89)	Benzo[k]fluoranth	1.712	1.767	1.740	1.729	1.704	1.625	1.713	2.82
90)C	Benzo[a]pyrene	1.472	1.633	1.607	1.626	1.619	1.660	1.603	4.15
91)	Indeno[1,2,3-cd]p	1.117	1.230	1.256	1.313	1.301	1.355	1.262	6.63
92)	Dibenz[a,h]anthra	1.014	1.229	1.200	1.257	1.271	1.242	1.202	7.95

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

93)	Benzo[g,h,i]peryl	1.287	1.362	1.328	1.368	1.386	1.363	1.349	2.64

(#) = Out of Range

8270C.M Wed Jun 16 09:17:29 2004 MSBNA01

Initial Calibration Verification

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\060904\W020226.D
Acq On : 9 Jun 2004 5:35 pm
Sample : icv1064-50
Misc : op10551,sw1064,30.8,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 8
Operator: marke
Inst : MSBNA01
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	97	0.00	5.26
2		1,4-Dioxane	50.000	49.238	1.5	0	0.04	2.05
3		N-nitrosodimethylamine	50.000	53.625	-7.2	0	0.02	2.67
4		Pyridine	50.000	43.801	12.4	0	0.02	2.64
5		Benzaldehyde		----------NA----------				
6		Aniline	50.000	14.816	70.4#	0	0.00	5.01
7	S	2-Fluorophenol		----------NA----------				
8		bis(2-Chloroethyl)ether	50.000	50.381	-0.8	0	0.00	5.06
9	S	Phenol-d5		----------NA----------				
10	C	Phenol	50.000	48.847	2.3	0	0.00	5.00
11		2-Chlorophenol	50.000	49.417	1.2	0	0.00	5.10
12		1,3-Dichlorobenzene	50.000	47.905	4.2	0	0.00	5.23
13	C	1,4-Dichlorobenzene	50.000	48.597	2.8	0	0.00	5.27
14		1,2-Dichlorobenzene	50.000	48.832	2.3	0	0.00	5.44
15		Benzyl alcohol	50.000	48.110	3.8	0	0.00	5.40
16		bis(2-chloroisopropyl)eth	50.000	51.591	-3.2	0	0.00	5.53
17		2-Methylphenol	50.000	48.684	2.6	0	0.00	5.51
18		Acetophenone	50.000	49.771	0.5	0	0.00	5.64
19		Hexachloroethane	50.000	48.251	3.5	0	0.00	5.72
20	P	N-Nitroso-di-n-propylamin	50.000	50.579	-1.2	0	0.00	5.67
21		3&4-Methylphenol	100.000	95.227	4.8	0	0.00	5.64
22	I	Naphthalene-d8	40.000	40.000	0.0	100	0.00	6.50
23	S	Nitrobenzene-d5		----------NA----------				
24		Nitrobenzene	50.000	48.217	3.6	0	0.00	5.80
25		Isophorone	50.000	51.805	-3.6	0	0.00	6.03
26	C	2-Nitrophenol	50.000	50.604	-1.2	0	0.00	6.11
27		2,4-Dimethylphenol	50.000	49.532	0.9	0	0.00	6.14
28		bis(2-Chloroethoxy)methan	50.000	46.172	7.7	0	0.00	6.25
29		Benzoic Acid	100.000	97.055	2.9	0	0.00	6.31
30	C	2,4-Dichlorophenol	50.000	49.894	0.2	0	0.00	6.35
31		1,2,4-Trichlorobenzene	50.000	48.842	2.3	0	0.00	6.45
32		Naphthalene	50.000	49.682	0.6	0	0.00	6.52
33		4-Chloroaniline	50.000	27.439	45.1#	0	0.00	6.59
34		2,6-Dichlorophenol	50.000	45.526	8.9	0	0.00	6.60
35	C	Hexachlorobutadiene	50.000	47.945	4.1	0	0.00	6.72
36		Caprolactam	50.000	51.681	-3.4	0	-0.02	6.99
37	C	4-Chloro-3-methylphenol	50.000	49.555	0.9	0	0.00	7.15
38		2-Methylnaphthalene	50.000	49.288	1.4	0	0.00	7.34
39		1-Methylnaphthalene	50.000	51.697	-3.4	0	0.00	7.48
40		1,2,4,5-Tetrachlorobenzen	50.000	47.621	4.8	0	0.00	7.61

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

41	I	Acenaphthene-d10	40.000	40.000	0.0	100	0.00	8.85
42	P	Hexachlorocyclopentadiene	50.000	43.010	14.0	0	0.00	7.63
43	C	2,4,6-Trichlorophenol	50.000	48.187	3.6	0	0.00	7.74
44		2,4,5-Trichlorophenol	50.000	48.693	2.6	0	0.00	7.79
45	S	2-Fluorobiphenyl		----------NA----------				
46		1,1'-Biphenyl	50.000	48.505	3.0	0	0.00	7.98
47		2-Chloronaphthalene	50.000	48.728	2.5	0	0.00	7.99
48		2-Nitroaniline	50.000	51.019	-2.0	0	0.00	8.18
49		Acenaphthylene	50.000	49.111	1.8	0	0.00	8.61
50		Dimethylphthalate	50.000	51.839	-3.7	0	-0.01	8.53
51		2,6-Dinitrotoluene	50.000	49.594	0.8	0	0.00	8.62
52	C	Acenaphthene	50.000	51.318	-2.6	0	0.00	8.90
53		3-Nitroaniline	50.000	30.627	38.7#	0	-0.01	8.82
		----------	Amount	Calc.	%Drift	----------		
54	P	2,4-Dinitrophenol	100.000	101.394	-1.4	0	0.00	8.99
		----------	Amount	Calc.	%Drift	----------		
55		Dibenzofuran	50.000	48.679	2.6	0	0.00	9.15
56		2,4-Dinitrotoluene	50.000	50.492	-1.0	0	0.00	9.24
57	P	4-Nitrophenol	100.000	99.419	0.6	0	0.00	9.10
58		2,3,4,6-Tetrachlorophenol	50.000	46.258	7.5	0	0.00	9.42
59		Fluorene	50.000	53.980	-8.0	0	0.00	9.72
60		4-Chlorophenyl-phenylethe	50.000	50.524	-1.0	0	0.00	9.74
61		Diethylphthalate	50.000	51.529	-3.1	0	0.00	9.69
62		4-Nitroaniline	50.000	47.807	4.4	0	-0.01	9.84
63	I	Phenanthrene-d10	40.000	40.000	0.0	105	0.00	11.32
		----------	Amount	Calc.	%Drift	----------		
64		4,6-Dinitro-2-methylpheno	100.000	102.360	-2.4	0	0.00	9.91
		----------	Amount	Calc.	%Drift	----------		
65	C	n-Nitrosodiphenylamine	50.000	49.948	0.1	0	0.00	9.96
66		1,2-Diphenylhydrazine	50.000	49.789	0.4	0	0.00	10.01
67	S	2,4,6-Tribromophenol		----------NA----------				
68		4-Bromophenyl-phenylether	50.000	49.186	1.6	0	0.00	10.57
69		Hexachlorobenzene	50.000	48.264	3.5	0	0.00	10.80
70		Atrazine	50.000	19.819	60.4#	0	0.00	10.98
71	C	Pentachlorophenol	100.000	103.129	-3.1	0	0.00	11.12
72		Phenanthrene	50.000	51.439	-2.9	0	0.00	11.36
73		Anthracene	50.000	50.558	-1.1	0	0.00	11.44
74		Carbazole	50.000	49.856	0.3	0	0.00	11.76
75		Di-n-butylphthalate	50.000	49.272	1.5	0	0.00	12.62
76	C	Fluoranthene	50.000	49.440	1.1	0	0.00	13.54
77	I	Chrysene-d12	40.000	40.000	0.0	112	0.00	16.25
78		Benzidine		----------NA----------				
79		Pyrene	50.000	49.826	0.3	0	0.00	13.94
80	S	Terphenyl-d14		----------NA----------				
81		Butylbenzylphthalate	50.000	49.375	1.3	0	0.00	15.42
82		3,3'-Dichlorobenzidine	50.000	34.432	31.1#	0	0.00	16.26
83		Benzo[a]anthracene	50.000	50.760	-1.5	0	0.00	16.21
84		Chrysene	50.000	51.961	-3.9	0	0.00	16.29
85		bis(2-Ethylhexyl)phthalat	50.000	50.013	-0.0	0	0.00	16.62
86	I	Perylene-d12	40.000	40.000	0.0	110	0.00	18.75
87	C	Di-n-octylphthalate	50.000	55.913	-11.8	0	0.00	17.73
88		Benzo[b]fluoranthene	50.000	51.225	-2.5	0	0.00	18.14
89		Benzo[k]fluoranthene	50.000	52.189	-4.4	0	0.00	18.19

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

90	C	Benzo[a]pyrene	50.000	52.840	-5.7	0	0.00	18.66
91		Indeno[1,2,3-cd]pyrene	50.000	49.419	1.2	0	0.00	20.34
92		Dibenz[a,h]anthracene	50.000	50.780	-1.6	0	0.00	20.39
93		Benzo[g,h,i]perylene	50.000	51.023	-2.0	0	0.00	20.70

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W020226.D 8270C.M Wed Jun 16 09:17:43 2004 MSBNA01

5.7 C

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1067-DFTPP	Injection Date:	06/15/04
Lab File ID:	W020288.D	Injection Time:	08:19
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	38731	51.4		Pass
68	Less than 2.0% of mass 69	129	0.17	(0.39) [a]	Pass
69	Mass 69 relative abundance	33229	44.1		Pass
70	Less than 2.0% of mass 69	97	0.13	(0.29) [a]	Pass
127	40.0 - 60.0% of mass 198	40733	54.1		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	75341	100.0		Pass
199	5.0 - 9.0% of mass 198	5106	6.8		Pass
275	10.0 - 30.0% of mass 198	12978	17.2		Pass
365	1.0 - 100.0% of mass 198	1322	1.8		Pass
441	Present, but less than mass 443	5538	7.4	(74.2) [b]	Pass
442	40.0 - 100.0% of mass 198	38854	51.6		Pass
443	17.0 - 23.0% of mass 442	7467	9.9	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SW1067-CC1064	W020289.D	06/15/04	08:38	00:19	Continuing cal 50
OP10656-MB	W020290.D	06/15/04	09:07	00:48	Method Blank
F24649-17	W020291.D	06/15/04	09:37	01:18	C03D-02C-12-0604
F24649-18	W020292.D	06/15/04	10:06	01:47	C03D-02C-24-0604
F24649-19	W020293.D	06/15/04	10:36	02:17	C03D-03C-06-0604
OP10648-MB	W020294.D	06/15/04	11:06	02:47	Method Blank
ZZZZZZ	W020295.D	06/15/04	11:35	03:16	(unrelated sample)
OP10654-BS	W020296.D	06/15/04	12:05	03:46	Blank Spike
OP10654-MB	W020297.D	06/15/04	12:35	04:16	Method Blank
ZZZZZZ	W020298.D	06/15/04	13:05	04:46	(unrelated sample)
ZZZZZZ	W020299.D	06/15/04	13:36	05:17	(unrelated sample)
ZZZZZZ	W020300.D	06/15/04	14:06	05:47	(unrelated sample)
F24596-4	W020301.D	06/15/04	14:36	06:17	(used for QC only; not part of job F24649)
OP10654-MS	W020302.D	06/15/04	15:07	06:48	Matrix Spike
OP10654-MSD	W020303.D	06/15/04	15:37	07:18	Matrix Spike Duplicate
ZZZZZZ	W020304.D	06/15/04	16:08	07:49	(unrelated sample)
ZZZZZZ	W020305.D	06/15/04	16:38	08:19	(unrelated sample)
ZZZZZZ	W020306.D	06/15/04	17:07	08:48	(unrelated sample)
ZZZZZZ	W020307.D	06/15/04	17:37	09:18	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1067-DFTPP	Injection Date:	06/15/04
Lab File ID:	W020288.D	Injection Time:	08:19
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	W020308.D	06/15/04	18:07	09:48	(unrelated sample)
ZZZZZZ	W020309.D	06/15/04	18:37	10:18	(unrelated sample)
ZZZZZZ	W020310.D	06/15/04	19:07	10:48	(unrelated sample)
ZZZZZZ	W020311.D	06/15/04	19:37	11:18	(unrelated sample)
ZZZZZZ	W020312.D	06/15/04	20:06	11:47	(unrelated sample)
OP10675-BS	W020316.D	06/15/04	22:05	13:46	Blank Spike
OP10675-MB	W020317.D	06/15/04	22:35	14:16	Method Blank
ZZZZZZ	W020318.D	06/15/04	23:05	14:46	(unrelated sample)
ZZZZZZ	W020319.D	06/15/04	23:34	15:15	(unrelated sample)
ZZZZZZ	W020320.D	06/16/04	00:04	15:45	(unrelated sample)
ZZZZZZ	W020321.D	06/16/04	00:33	16:14	(unrelated sample)
ZZZZZZ	W020322.D	06/16/04	01:03	16:44	(unrelated sample)
ZZZZZZ	W020323.D	06/16/04	01:32	17:13	(unrelated sample)
ZZZZZZ	W020324.D	06/16/04	02:02	17:43	(unrelated sample)
ZZZZZZ	W020325.D	06/16/04	02:31	18:12	(unrelated sample)
ZZZZZZ	W020326.D	06/16/04	03:00	18:41	(unrelated sample)
F24764-8	W020327.D	06/16/04	03:30	19:11	(used for QC only; not part of job F24649)
OP10675-MS	W020328.D	06/16/04	03:59	19:40	Matrix Spike
OP10675-MSD	W020329.D	06/16/04	04:28	20:09	Matrix Spike Duplicate
ZZZZZZ	W020330.D	06/16/04	04:57	20:38	(unrelated sample)
ZZZZZZ	W020331.D	06/16/04	05:27	21:08	(unrelated sample)
ZZZZZZ	W020332.D	06/16/04	05:56	21:37	(unrelated sample)
ZZZZZZ	W020333.D	06/16/04	06:25	22:06	(unrelated sample)
ZZZZZZ	W020334.D	06/16/04	06:55	22:36	(unrelated sample)

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1067-CC1064
Lab FileID: W020289.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061504\W020289.D
Acq On : 15 Jun 2004 8:38 am
Sample : cc1064-50
Misc : op10648,sw1067,990,,,1,1,water
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA01
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00	5.25
2		1,4-Dioxane	0.584	0.600	-2.7	119	-0.04	1.97
3		N-nitrosodimethylamine	0.667	0.664	0.4	114	-0.03	2.62
4		Pyridine	1.485	1.496	-0.7	117	-0.03	2.60
5		Benzaldehyde	1.026	1.007	1.9	106	0.00	4.88
6		Aniline	2.193	2.201	-0.4	115	-0.01	5.00
7	S	2-Fluorophenol	1.354	1.373	-1.4	116	0.00	4.18
8		bis(2-Chloroethyl)ether	1.366	1.372	-0.4	121	-0.01	5.06
9	S	Phenol-d5	1.681	1.692	-0.7	115	0.00	4.99
10	C	Phenol	1.883	1.896	-0.7	114	0.00	5.00
11		2-Chlorophenol	1.516	1.517	-0.1	115	0.00	5.10
12		1,3-Dichlorobenzene	1.585	1.598	-0.8	118	0.00	5.22
13	C	1,4-Dichlorobenzene	1.619	1.641	-1.4	116	0.00	5.27
14		1,2-Dichlorobenzene	1.493	1.501	-0.5	115	0.00	5.43
15		Benzyl alcohol	0.988	0.915	7.4	107	0.00	5.39
16		bis(2-chloroisopropyl)eth	2.686	2.737	-1.9	115	0.00	5.53
17		2-Methylphenol	1.342	1.326	1.2	114	0.00	5.50
18		Acetophenone	1.901	1.942	-2.2	113	0.00	5.64
19		Hexachloroethane	0.630	0.646	-2.5	118	0.00	5.71
20	P	N-Nitroso-di-n-propylamin	0.960	0.938	2.3	113	-0.02	5.66
21		3&4-Methylphenol	1.391	1.376	1.1	112	-0.01	5.64
22	I	Naphthalene-d8	1.000	1.000	0.0	113	-0.01	6.48
23	S	Nitrobenzene-d5	0.362	0.364	-0.6	112	-0.01	5.78
24		Nitrobenzene	0.357	0.356	0.3	112	0.00	5.80
25		Isophorone	0.624	0.614	1.6	109	-0.02	6.03
26	C	2-Nitrophenol	0.192	0.194	-1.0	113	-0.01	6.11
27		2,4-Dimethylphenol	0.355	0.350	1.4	110	0.00	6.14
28		bis(2-Chloroethoxy)methan	0.404	0.403	0.2	111	-0.01	6.24
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	50.000	46.099	7.8	106	-0.04	6.27
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.267	0.267	0.0	111	0.00	6.35
31		1,2,4-Trichlorobenzene	0.296	0.297	-0.3	113	-0.01	6.44
32		Naphthalene	1.034	1.025	0.9	111	0.00	6.51
33		4-Chloroaniline	0.421	0.412	2.1	110	-0.01	6.59
34		2,6-Dichlorophenol	0.264	0.263	0.4	110	0.00	6.60
35	C	Hexachlorobutadiene	0.147	0.148	-0.7	114	-0.01	6.70
36		Caprolactam	0.097	0.096	1.0	105	-0.03	6.99
37	C	4-Chloro-3-methylphenol	0.288	0.275	4.5	107	0.00	7.15

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1067-CC1064
Lab FileID: W020289.D

38		2-Methylnaphthalene	0.627	0.622	0.8	113	0.00	7.33
39		1-Methylnaphthalene	0.608	0.611	-0.5	113	-0.01	7.47
40		1,2,4,5-Tetrachlorobenzen	0.254	0.245	3.5	109	-0.01	7.60
41	I	Acenaphthene-d10	1.000	1.000	0.0	108	0.00	8.85
42	P	Hexachlorocyclopentadiene	0.412	0.421	-2.2	110	0.00	7.63
43	C	2,4,6-Trichlorophenol	0.413	0.419	-1.5	111	0.00	7.73
44		2,4,5-Trichlorophenol	0.437	0.437	0.0	108	-0.01	7.78
45	S	2-Fluorobiphenyl	1.426	1.445	-1.3	110	-0.01	7.85
46		1,1'-Biphenyl	1.695	1.755	-3.5	110	-0.01	7.97
47		2-Chloronaphthalene	1.289	1.288	0.1	108	-0.01	7.99
48		2-Nitroaniline	0.411	0.399	2.9	102	0.00	8.18
49		Acenaphthylene	2.085	2.076	0.4	107	-0.01	8.61
50		Dimethylphthalate	1.305	1.291	1.1	107	-0.02	8.52
51		2,6-Dinitrotoluene	0.308	0.305	1.0	107	-0.01	8.62
52	C	Acenaphthene	1.273	1.239	2.7	105	-0.01	8.89
53		3-Nitroaniline	0.386	0.369	4.4	100	-0.01	8.82
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	50.000	48.153	3.7	101	-0.02	8.97
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.657	1.644	0.8	107	-0.01	9.14
56		2,4-Dinitrotoluene	0.407	0.390	4.2	102	-0.02	9.23
57	P	4-Nitrophenol	0.201	0.177	11.9	92	-0.01	9.09
58		2,3,4,6-Tetrachlorophenol	0.317	0.313	1.3	104	-0.01	9.42
59		Fluorene	1.298	1.273	1.9	106	-0.02	9.71
60		4-Chlorophenyl-phenylethe	0.609	0.609	0.0	108	-0.01	9.73
61		Diethylphthalate	1.356	1.287	5.1	101	-0.02	9.67
62		4-Nitroaniline	0.368	0.345	6.3	99	-0.02	9.83
63	I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00	11.31
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	50.000	52.094	-4.2	103	-0.02	9.90
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.603	0.628	-4.1	104	-0.01	9.95
66		1,2-Diphenylhydrazine	0.923	0.970	-5.1	107	-0.01	9.99
67	S	2,4,6-Tribromophenol	0.082	0.086	-4.9	105	-0.02	10.15
68		4-Bromophenyl-phenylether	0.191	0.203	-6.3	106	-0.01	10.56
69		Hexachlorobenzene	0.177	0.187	-5.6	105	-0.01	10.78
70		Atrazine	0.200	0.209	-4.5	100	-0.01	10.98
71	C	Pentachlorophenol	0.120	0.123	-2.5	100	0.00	11.11
72		Phenanthrene	1.200	1.222	-1.8	100	-0.01	11.36
73		Anthracene	1.233	1.252	-1.5	100	-0.02	11.43
74		Carbazole	1.036	1.012	2.3	97	0.00	11.76
75		Di-n-butylphthalate	1.384	1.356	2.0	96	-0.01	12.61
76	C	Fluoranthene	1.050	1.017	3.1	95	-0.01	13.53
77	I	Chrysene-d12	1.000	1.000	0.0	87	0.00	16.24
78		Benzidine	1.034	1.032	0.2	84	-0.01	13.86
79		Pyrene	1.637	1.770	-8.1	95	-0.01	13.93
80	S	Terphenyl-d14	0.886	0.952	-7.4	94	-0.01	14.34
81		Butylbenzylphthalate	0.814	0.838	-2.9	87	0.00	15.41
82		3,3'-Dichlorobenzidine	0.429	0.426	0.7	85	-0.01	16.26
83		Benzo[a]anthracene	1.274	1.273	0.1	86	-0.01	16.21
84		Chrysene	1.193	1.195	-0.2	87	-0.01	16.29
85		bis(2-Ethylhexyl)phthalat	1.087	1.072	1.4	86	0.00	16.61

Continuing Calibration Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1067-CC1064
Lab FileID: W020289.D

86	I	Perylene-d12	1.000	1.000	0.0	79	0.00	18.74
87	C	Di-n-octylphthalate	2.831	2.967	-4.8	81	0.00	17.72
88		Benzo[b]fluoranthene	1.789	1.873	-4.7	83	-0.01	18.14
89		Benzo[k]fluoranthene	1.713	1.792	-4.6	81	-0.01	18.18
90	C	Benzo[a]pyrene	1.603	1.639	-2.2	80	-0.01	18.65
91		Indeno[1,2,3-cd]pyrene	1.262	1.163	7.8	73	-0.01	20.34
92		Dibenz[a,h]anthracene	1.202	1.174	2.3	77	-0.01	20.38
93		Benzo[g,h,i]perylene	1.349	1.293	4.2	77	-0.02	20.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W020222.D 8270C.M Wed Jun 16 10:00:11 2004 MSBNA01

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**JUNE 24, 2004**
FROM:	**ETHAN G. LEE**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS + TIN**
NAS KEY WEST – CTO 349
SAMPLE DELIVERY GROUP (SDG) – F24649

SAMPLES: 40/SOIL/

C03D-01C-06-0604	C03D-01C-12-0604	C03D-01C-24-0604
C03D-02C-06-0604	C03D-02C-12-0604	C03D-02C-24-0604
C03D-03C-06-0604	C03D-03C-12-0604	C03D-03C-24-0604
C03D-04C-06-0604	C03D-04C-12-0604	C03D-04C-24-0604
C03D-08C-06-0604	C03D-08C-12-0604	C03D-08C-24-0604
C03D-12C-06-0604	C03D-12C-12-0604	C03D-12C-24-0604
C03D-13C-06-0604	C03D-13C-12-0604	C03D-13C-24-0604
C03D-14C-06-0604	C03D-14C-12-0604	C03D-14C-24-0604
C03D-15C-06-0604	C03D-15C-12-0604	C03D-15C-24-0604
C03D-16C-06-0604	C03D-16C-12-0604	C03D-16C-24-0604
C03D-5C-06-0604	C03D-5C-12-0604	C03D-5C-24-0604
C03D-9C-06-0604	C03D-9C-12-0604	C03D-9C-24-0604
KW-DUP-01-0604	KW-DUP-02-0604	KW-DUP-03-0604
KW-DUP-04-0604		

Overview

The sample set for NAS Key West, CTO 349, SDG F24649, consists of forty (40) soil environmental samples. Four (4) field duplicate pairs (KW-DUP-01-0604 / C03D-01C-06-0604; KW-DUP-02-0604 / C03D-01C-12-0604; KW-DUP-03-0604 / C03D-01C-24-0604; KW-DUP-04-0604 / C03D-15C-12-0604) were included in this SDG.

All samples were analyzed for target analyte list (TAL) metals plus tin. The samples were collected by Tetra Tech NUS on June 5-7, 2004 and analyzed by Accutest Laboratories Southeast, Inc. Metals analyses except mercury were conducted using SW846 method 6010B. Mercury analyses were conducted using SW846 method 7471A.

Metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodologies. Mercury analyses were conducted using Manual Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Blank Analyses
• Field Duplicate Results

* • Detection Limits

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	33.7 ug/L	16.9 mg/kg
Calcium	55.9 ug/L	28.0 mg/kg
Iron	36.7 ug/L	18.4 mg/kg
Lead	1.9 ug/L	0.95 mg/kg
Selenium	4.0 ug/L	2.0 mg/kg
Silver	0.89 ug/L	0.45 mg/kg
Thallium	5.9 ug/L	3.0 mg/kg
Tin	6.0 ug/L	3.0 mg/kg

An action level of 5X the maximum concentration was used to evaluate the 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 action level for lead, silver, thallium, and tin were qualified as nondetected (U) due to laboratory blank contamination. The remaining analytes were not qualified because the results were either greater than the action level or they were nondetects.

Field Duplicate Results

Field duplicate imprecision (Difference >4X the CRDL) was noted for zinc for field duplicate pair KW-DUP-03-0604 / C03D-01C-24-0604. Positive results reported for zinc were qualified as estimated (J) for this field duplicate pair only.

Notes

Dilutions were performed for calcium in all samples due to the concentrations of calcium above the linear range of the instrument.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

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 Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

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 NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
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

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % 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 (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.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 less than sample activity

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-01C-06-0604
samp_date	6/6/2004
lab_id	F24649-10
qc_type	NM
units	MG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	588		
ANTIMONY	0.15	U	
ARSENIC	1.3		
BARIUM	6.7		
BERYLLIUM	0.057		
CADMIUM	0.03	U	
CALCIUM	231000		
CHROMIUM	5.9		
COBALT	0.14		
COPPER	1.7		
IRON	519		
LEAD	10.6		
MAGNESIUM	1580		
MANGANESE	22.3		
MERCURY	0.016		
NICKEL	1.9		
POTASSIUM	109		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	264		
THALLIUM	0.15	U	
TIN	2.9	U	A
VANADIUM	4.7		
ZINC	3.5		

nsample	C03D-01C-12-0604
samp_date	6/6/2004
lab_id	F24649-11
qc_type	NM
units	MG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	556		
ANTIMONY	0.16	U	
ARSENIC	1.5		
BARIUM	6.4		
BERYLLIUM	0.041		
CADMIUM	0.3		
CALCIUM	242000		
CHROMIUM	5.2		
COBALT	0.16		
COPPER	0.57		
IRON	485		
LEAD	0.74	U	A
MAGNESIUM	1580		
MANGANESE	21.8		
MERCURY	0.013		
NICKEL	0.86		
POTASSIUM	106		
SELENIUM	21	U	
SILVER	0.094	U	A
SODIUM	248		
THALLIUM	0.16	U	
TIN	2.9	U	A
VANADIUM	4.7		
ZINC	0.95		

nsample	C03D-01C-24-0604
samp_date	6/6/2004
lab_id	F24649-12
qc_type	NM
units	MG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	579		
ANTIMONY	0.16	U	
ARSENIC	1.1		
BARIUM	6.3		
BERYLLIUM	0.049		
CADMIUM	0.031	U	
CALCIUM	231000		
CHROMIUM	5		
COBALT	0.15		
COPPER	1.9		
IRON	540		
LEAD	26.8		
MAGNESIUM	1490		
MANGANESE	21.4		
MERCURY	0.012		
NICKEL	0.94		
POTASSIUM	112		
SELENIUM	21	U	
SILVER	0.12	U	A
SODIUM	275		
THALLIUM	0.16	U	
TIN	2.8	U	A
VANADIUM	4.9		
ZINC	7.1	J	G

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-02C-06-0604
samp_date	6/6/2004
lab_id	F24649-16
qc_type	NM
units	MG/KG
Pct_Solids	95.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	555		
ANTIMONY	0.16	U	
ARSENIC	1.1		
BARIUM	7.2		
BERYLLIUM	0.045		
CADMIUM	0.032	U	
CALCIUM	255000		
CHROMIUM	5.1		
COBALT	0.14		
COPPER	3		
IRON	530		
LEAD	101		
MAGNESIUM	1400		
MANGANESE	19.5		
MERCURY	0.039		
NICKEL	0.86		
POTASSIUM	105		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	315		
THALLIUM	0.16	U	
TIN	3	U	A
VANADIUM	4.8		
ZINC	7.3		

nsample	C03D-02C-12-0604
samp_date	6/6/2004
lab_id	F24649-17
qc_type	NM
units	MG/KG
Pct_Solids	95.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	595		
ANTIMONY	0.16	U	
ARSENIC	1.4		
BARIUM	6.2		
BERYLLIUM	0.063		
CADMIUM	0.032	U	
CALCIUM	239000		
CHROMIUM	5		
COBALT	0.12		
COPPER	0.55		
IRON	496		
LEAD	0.82	U	A
MAGNESIUM	1520		
MANGANESE	21.5		
MERCURY	0.0084		
NICKEL	0.9		
POTASSIUM	118		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	255		
THALLIUM	0.16	U	
TIN	2.9	U	A
VANADIUM	5.3		
ZINC	0.74		

nsample	C03D-02C-24-0604
samp_date	6/6/2004
lab_id	F24649-18
qc_type	NM
units	MG/KG
Pct_Solids	94.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	537		
ANTIMONY	0.16	U	
ARSENIC	1.4		
BARIUM	5.9		
BERYLLIUM	0.067		
CADMIUM	0.031	U	
CALCIUM	222000		
CHROMIUM	4.8		
COBALT	0.1		
COPPER	0.98		
IRON	439		
LEAD	2.9		
MAGNESIUM	1400		
MANGANESE	19.8		
MERCURY	0.015		
NICKEL	0.9		
POTASSIUM	106		
SELENIUM	21	U	
SILVER	0.062	U	
SODIUM	280		
THALLIUM	0.16	U	
TIN	2.8	U	A
VANADIUM	4.8		
ZINC	1.4		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-03C-06-0604
samp_date	6/6/2004
lab_id	F24649-19
qc_type	NM
units	MG/KG
Pct_Solids	97.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	561		
ANTIMONY	0.15	U	
ARSENIC	0.94		
BARIUM	6.2		
BERYLLIUM	0.063		
CADMIUM	0.031	U	
CALCIUM	228000		
CHROMIUM	4.6		
COBALT	0.07		
COPPER	2.1		
IRON	485		
LEAD	1.6		
MAGNESIUM	1560		
MANGANESE	21.6		
MERCURY	0.0097		
NICKEL	0.91		
POTASSIUM	114		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	231		
THALLIUM	0.15	U	
TIN	3	U	A
VANADIUM	4.9		
ZINC	1.4		

nsample	C03D-03C-12-0604
samp_date	6/6/2004
lab_id	F24649-20
qc_type	NM
units	MG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	667		
ANTIMONY	0.15	U	
ARSENIC	1.5		
BARIUM	6.2		
BERYLLIUM	0.07		
CADMIUM	0.031	U	
CALCIUM	233000		
CHROMIUM	5.3		
COBALT	0.2		
COPPER	0.64		
IRON	516		
LEAD	1		
MAGNESIUM	1570		
MANGANESE	21		
MERCURY	0.0062		
NICKEL	0.92		
POTASSIUM	110		
SELENIUM	21	U	
SILVER	0.062	U	
SODIUM	243		
THALLIUM	0.45	U	A
TIN	3	U	A
VANADIUM	5.2		
ZINC	1.1		

nsample	C03D-03C-24-0604
samp_date	6/6/2004
lab_id	F24649-21
qc_type	NM
units	MG/KG
Pct_Solids	96.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	698		
ANTIMONY	0.15	U	
ARSENIC	1.2		
BARIUM	6		
BERYLLIUM	0.095		
CADMIUM	0.03	U	
CALCIUM	218000		
CHROMIUM	5.8		
COBALT	0.2		
COPPER	0.58		
IRON	510		
LEAD	0.66	U	A
MAGNESIUM	1520		
MANGANESE	20.9		
MERCURY	0.0019	U	
NICKEL	0.96		
POTASSIUM	119		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	255		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	5.4		
ZINC	0.78		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-04C-06-0604
samp_date	6/6/2004
lab_id	F24649-22
qc_type	NM
units	MG/KG
Pct_Solids	97.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	595		
ANTIMONY	0.16	U	
ARSENIC	1		
BARIUM	6.7		
BERYLLIUM	0.068		
CADMIUM	0.031	U	
CALCIUM	236000		
CHROMIUM	4.6		
COBALT	0.15		
COPPER	1.7		
IRON	572		
LEAD	6.1		
MAGNESIUM	1620		
MANGANESE	22.1		
MERCURY	0.0041		
NICKEL	0.92		
POTASSIUM	107		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	217		
THALLIUM	0.16	U	
TIN	3	U	A
VANADIUM	4.8		
ZINC	5		

nsample	C03D-04C-12-0604
samp_date	6/6/2004
lab_id	F24649-23
qc_type	NM
units	MG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	665		
ANTIMONY	0.16	U	
ARSENIC	1.7		
BARIUM	6.3		
BERYLLIUM	0.069		
CADMIUM	0.032	U	
CALCIUM	242000		
CHROMIUM	4.7		
COBALT	0.22		
COPPER	0.55		
IRON	536		
LEAD	0.61	U	A
MAGNESIUM	1760		
MANGANESE	23.2		
MERCURY	0.0019	U	
NICKEL	1		
POTASSIUM	114		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	222		
THALLIUM	0.16	U	
TIN	3.1	U	A
VANADIUM	5.2		
ZINC	0.79		

nsample	C03D-04C-24-0604
samp_date	6/6/2004
lab_id	F24649-24
qc_type	NM
units	MG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	678		
ANTIMONY	0.15	U	
ARSENIC	1.2		
BARIUM	6		
BERYLLIUM	0.082		
CADMIUM	0.03	U	
CALCIUM	227000		
CHROMIUM	4.8		
COBALT	0.14		
COPPER	0.48		
IRON	512		
LEAD	0.73	U	A
MAGNESIUM	1610		
MANGANESE	21.8		
MERCURY	0.0031		
NICKEL	0.87		
POTASSIUM	113		
SELENIUM	20	U	
SILVER	0.06	U	
SODIUM	211		
THALLIUM	0.15	U	
TIN	2.9	U	A
VANADIUM	5.2		
ZINC	0.67		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-08C-06-0604
samp_date	6/7/2004
lab_id	F24649-31
qc_type	NM
units	MG/KG
Pct_Solids	98.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	651		
ANTIMONY	0.15	U	
ARSENIC	1.4		
BARIUM	6.7		
BERYLLIUM	0.095		
CADMIUM	0.03	U	
CALCIUM	238000		
CHROMIUM	5.1		
COBALT	0.16		
COPPER	1.4		
IRON	578		
LEAD	9.2		
MAGNESIUM	1650		
MANGANESE	22.5		
MERCURY	0.0061		
NICKEL	1		
POTASSIUM	121		
SELENIUM	20	U	
SILVER	0.06	U	
SODIUM	232		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	5.2		
ZINC	5.1		

nsample	C03D-08C-12-0604
samp_date	6/7/2004
lab_id	F24649-32
qc_type	NM
units	MG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	503		
ANTIMONY	0.16	U	
ARSENIC	1.1		
BARIUM	5.9		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	236000		
CHROMIUM	4.1		
COBALT	0.092		
COPPER	0.49		
IRON	440		
LEAD	1.4		
MAGNESIUM	1520		
MANGANESE	21.1		
MERCURY	0.0059		
NICKEL	0.76		
POTASSIUM	95.2		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	203		
THALLIUM	0.16	U	
TIN	3.4		
VANADIUM	4.5		
ZINC	0.82		

nsample	C03D-08C-24-0604
samp_date	6/7/2004
lab_id	F24649-33
qc_type	NM
units	MG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	481		
ANTIMONY	0.15	U	
ARSENIC	2		
BARIUM	187		
BERYLLIUM	0.031	U	
CADMIUM	0.067		
CALCIUM	259000		
CHROMIUM	4.5		
COBALT	0.051	U	
COPPER	10.8		
IRON	544		
LEAD	33.5		
MAGNESIUM	2590		
MANGANESE	19.2		
MERCURY	0.046		
NICKEL	1.1		
POTASSIUM	82.3		
SELENIUM	21	U	
SILVER	0.062	U	
SODIUM	670		
THALLIUM	0.15	U	
TIN	3.9		
VANADIUM	3.8		
ZINC	49.9		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-12C-06-0604
samp_date	6/7/2004
lab_id	F24649-28
qc_type	NM
units	MG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	652		
ANTIMONY	0.15	U	
ARSENIC	1.4		
BARIUM	5.9		
BERYLLIUM	0.086		
CADMIUM	0.031	U	
CALCIUM	230000		
CHROMIUM	4.8		
COBALT	0.13		
COPPER	0.48		
IRON	505		
LEAD	1.6		
MAGNESIUM	1590		
MANGANESE	21.6		
MERCURY	0.0019	U	
NICKEL	0.84		
POTASSIUM	111		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	216		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	5.2		
ZINC	0.83		

nsample	C03D-12C-12-0604
samp_date	6/7/2004
lab_id	F24649-29
qc_type	NM
units	MG/KG
Pct_Solids	95.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	653		
ANTIMONY	0.15	U	
ARSENIC	1.4		
BARIUM	6.9		
BERYLLIUM	0.086		
CADMIUM	0.031	U	
CALCIUM	241000		
CHROMIUM	4.9		
COBALT	0.13		
COPPER	1.1		
IRON	518		
LEAD	3.9		
MAGNESIUM	1860		
MANGANESE	21.7		
MERCURY	0.0048		
NICKEL	0.92		
POTASSIUM	114		
SELENIUM	21	U	
SILVER	0.062	U	
SODIUM	352		
THALLIUM	0.15	U	
TIN	3	U	A
VANADIUM	5.3		
ZINC	2.5		

nsample	C03D-12C-24-0604
samp_date	6/7/2004
lab_id	F24649-30
qc_type	NM
units	MG/KG
Pct_Solids	86.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	326		
ANTIMONY	0.17	U	
ARSENIC	2.3		
BARIUM	28.9		
BERYLLIUM	0.035	U	
CADMIUM	0.035	U	
CALCIUM	385000		
CHROMIUM	3.1		
COBALT	0.11		
COPPER	4.3		
IRON	267		
LEAD	14.3		
MAGNESIUM	1170		
MANGANESE	15.5		
MERCURY	0.04		
NICKEL	0.55		
POTASSIUM	53.5		
SELENIUM	23	U	
SILVER	0.07	U	
SODIUM	1520		
THALLIUM	0.17	U	
TIN	4.6		
VANADIUM	1		
ZINC	10.1		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-13C-06-0604
samp_date	6/5/2004
lab_id	F24649-1
qc_type	NM
units	MG/KG
Pct_Solids	94.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	192		
ANTIMONY	4.7		
ARSENIC	1.9		
BARIUM	19.4		
BERYLLIUM	0.031	U	
CADMIUM	0.46		
CALCIUM	389000		
CHROMIUM	4.6		
COBALT	0.1		
COPPER	23.6		
IRON	497		
LEAD	288		
MAGNESIUM	1000		
MANGANESE	10.3		
MERCURY	0.033		
NICKEL	1.3		
POTASSIUM	50.9		
SELENIUM	21	U	
SILVER	0.19	U	A
SODIUM	1450		
THALLIUM	0.16	U	
TIN	5.1		
VANADIUM	1.8		
ZINC	75.7		

nsample	C03D-13C-12-0604
samp_date	6/5/2004
lab_id	F24649-2
qc_type	NM
units	MG/KG
Pct_Solids	91.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	61.7		
ANTIMONY	0.17	U	
ARSENIC	2.1		
BARIUM	7.5		
BERYLLIUM	0.033	U	
CADMIUM	0.033	U	
CALCIUM	397000		
CHROMIUM	1.7		
COBALT	0.056	U	
COPPER	1.2		
IRON	46		
LEAD	1.7		
MAGNESIUM	884		
MANGANESE	1.5		
MERCURY	0.0095		
NICKEL	0.58		
POTASSIUM	32.9		
SELENIUM	22	U	
SILVER	0.14	U	A
SODIUM	1370		
THALLIUM	0.17	U	
TIN	4.9		
VANADIUM	1.5		
ZINC	3		

nsample	C03D-13C-24-0604
samp_date	6/5/2004
lab_id	F24649-3
qc_type	NM
units	MG/KG
Pct_Solids	90.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	50.5		
ANTIMONY	0.17	U	
ARSENIC	1.7		
BARIUM	8.8		
BERYLLIUM	0.034	U	
CADMIUM	0.034	U	
CALCIUM	380000		
CHROMIUM	1.5		
COBALT	0.056	U	
COPPER	0.49		
IRON	25.5		
LEAD	0.87	U	A
MAGNESIUM	547		
MANGANESE	0.84		
MERCURY	0.0021	U	
NICKEL	0.4		
POTASSIUM	38.6		
SELENIUM	23	U	
SILVER	0.11	U	A
SODIUM	1700		
THALLIUM	0.17	U	
TIN	4.3		
VANADIUM	1.2		
ZINC	0.42		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-14C-06-0604
samp_date	6/7/2004
lab_id	F24649-38
qc_type	NM
units	MG/KG
Pct_Solids	98.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	600		
ANTIMONY	0.15	U	
ARSENIC	1.9		
BARIUM	6.3		
BERYLLIUM	0.083		
CADMIUM	0.03	U	
CALCIUM	243000		
CHROMIUM	4.6		
COBALT	0.16		
COPPER	0.95		
IRON	628		
LEAD	8.9		
MAGNESIUM	1710		
MANGANESE	23.4		
MERCURY	0.0038		
NICKEL	1		
POTASSIUM	102		
SELENIUM	20	U	
SILVER	0.06	U	
SODIUM	218		
THALLIUM	0.15	U	
TIN	3.2		
VANADIUM	5		
ZINC	2.7		

nsample	C03D-14C-12-0604
samp_date	6/7/2004
lab_id	F24649-39
qc_type	NM
units	MG/KG
Pct_Solids	96.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	627		
ANTIMONY	0.15	U	
ARSENIC	1.6		
BARIUM	6.4		
BERYLLIUM	0.087		
CADMIUM	0.03	U	
CALCIUM	236000		
CHROMIUM	4.5		
COBALT	0.15		
COPPER	0.71		
IRON	524		
LEAD	25.5		
MAGNESIUM	1640		
MANGANESE	22.7		
MERCURY	0.012		
NICKEL	0.95		
POTASSIUM	108		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	226		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	5.1		
ZINC	1.6		

nsample	C03D-14C-24-0604
samp_date	6/7/2004
lab_id	F24649-40
qc_type	NM
units	MG/KG
Pct_Solids	90.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	623		
ANTIMONY	0.16	U	
ARSENIC	1.8		
BARIUM	6.1		
BERYLLIUM	0.081		
CADMIUM	0.033	U	
CALCIUM	234000		
CHROMIUM	4.9		
COBALT	0.16		
COPPER	0.57		
IRON	511		
LEAD	3.8		
MAGNESIUM	1630		
MANGANESE	22.2		
MERCURY	0.0037		
NICKEL	0.87		
POTASSIUM	102		
SELENIUM	22	U	
SILVER	0.065	U	
SODIUM	213		
THALLIUM	0.16	U	
TIN	2.6	U	A
VANADIUM	5.1		
ZINC	0.99		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-15C-06-0604
samp_date	6/7/2004
lab_id	F24649-34
qc_type	NM
units	MG/KG
Pct_Solids	97.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	637		
ANTIMONY	0.15	U	
ARSENIC	1.9		
BARIUM	6.3		
BERYLLIUM	0.073		
CADMIUM	0.03	U	
CALCIUM	249000		
CHROMIUM	4.4		
COBALT	0.14		
COPPER	0.75		
IRON	527		
LEAD	4.9		
MAGNESIUM	1850		
MANGANESE	24.2		
MERCURY	0.0038		
NICKEL	0.89		
POTASSIUM	109		
SELENIUM	20	U	
SILVER	0.059	U	
SODIUM	198		
THALLIUM	0.15	U	
TIN	3.1		
VANADIUM	5		
ZINC	1.7		

nsample	C03D-15C-12-0604
samp_date	6/7/2004
lab_id	F24649-35
qc_type	NM
units	MG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	632		
ANTIMONY	0.15	U	
ARSENIC	1.8		
BARIUM	6.5		
BERYLLIUM	0.073		
CADMIUM	0.03	U	
CALCIUM	271000		
CHROMIUM	4.4		
COBALT	0.12		
COPPER	0.48		
IRON	523		
LEAD	0.49	U	A
MAGNESIUM	1970		
MANGANESE	25.6		
MERCURY	0.0021		
NICKEL	0.89		
POTASSIUM	108		
SELENIUM	20	U	
SILVER	0.06	U	
SODIUM	188		
THALLIUM	0.15	U	
TIN	3.3		
VANADIUM	5		
ZINC	0.63		

nsample	C03D-15C-24-0604
samp_date	6/7/2004
lab_id	F24649-36
qc_type	NM
units	MG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	119		
ANTIMONY	0.19	U	
ARSENIC	2.1		
BARIUM	9.3		
BERYLLIUM	0.038	U	
CADMIUM	0.038	U	
CALCIUM	394000		
CHROMIUM	2.2		
COBALT	0.063	U	
COPPER	3		
IRON	177		
LEAD	9.9		
MAGNESIUM	1660		
MANGANESE	3.1		
MERCURY	0.054		
NICKEL	0.52		
POTASSIUM	39.7		
SELENIUM	25	U	
SILVER	0.076	U	
SODIUM	1580		
THALLIUM	0.19	U	
TIN	5.1		
VANADIUM	1.1		
ZINC	7.2		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-16C-06-0604
samp_date	6/7/2004
lab_id	F24649-25
qc_type	NM
units	MG/KG
Pct_Solids	95.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	550		
ANTIMONY	0.15	U	
ARSENIC	1.1		
BARIUM	6.3		
BERYLLIUM	0.067		
CADMIUM	0.031	U	
CALCIUM	231000		
CHROMIUM	4.6		
COBALT	0.15		
COPPER	1.3		
IRON	493		
LEAD	9.3		
MAGNESIUM	1600		
MANGANESE	22.1		
MERCURY	0.0048		
NICKEL	0.85		
POTASSIUM	103		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	212		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	4.6		
ZINC	4.5		

nsample	C03D-16C-12-0604
samp_date	6/7/2004
lab_id	F24649-26
qc_type	NM
units	MG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	581		
ANTIMONY	0.16	U	
ARSENIC	1.5		
BARIUM	6.2		
BERYLLIUM	0.064		
CADMIUM	0.033	U	
CALCIUM	244000		
CHROMIUM	4.6		
COBALT	0.16		
COPPER	1.2		
IRON	551		
LEAD	13.5		
MAGNESIUM	1710		
MANGANESE	23.5		
MERCURY	0.0026		
NICKEL	0.88		
POTASSIUM	112		
SELENIUM	22	U	
SILVER	0.066	U	
SODIUM	195		
THALLIUM	0.16	U	
TIN	3.1	U	A
VANADIUM	4.8		
ZINC	3.1		

nsample	C03D-16C-24-0604
samp_date	6/7/2004
lab_id	F24649-27
qc_type	NM
units	MG/KG
Pct_Solids	92.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	545		
ANTIMONY	0.17	U	
ARSENIC	1.7		
BARIUM	6.5		
BERYLLIUM	0.044		
CADMIUM	0.033	U	
CALCIUM	265000		
CHROMIUM	4.2		
COBALT	0.17		
COPPER	2.2		
IRON	498		
LEAD	35.7		
MAGNESIUM	1900		
MANGANESE	25.1		
MERCURY	0.0019		
NICKEL	0.87		
POTASSIUM	102		
SELENIUM	22	U	
SILVER	0.066	U	
SODIUM	189		
THALLIUM	0.17	U	
TIN	3.4		
VANADIUM	4.7		
ZINC	5.9		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-5C-06-0604
samp_date	6/5/2004
lab_id	F24649-7
qc_type	NM
units	MG/KG
Pct_Solids	92.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	248		
ANTIMONY	5.7		
ARSENIC	2.8		
BARIUM	34.6		
BERYLLIUM	0.032	U	
CADMIUM	0.83		
CALCIUM	385000		
CHROMIUM	4.9		
COBALT	0.21		
COPPER	69.6		
IRON	2220		
LEAD	595		
MAGNESIUM	1260		
MANGANESE	28.2		
MERCURY	0.1		
NICKEL	2.4		
POTASSIUM	47.9		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	1280		
THALLIUM	0.16	U	
TIN	5.9		
VANADIUM	2.7		
ZINC	166		

nsample	C03D-5C-12-0604
samp_date	6/5/2004
lab_id	F24649-8
qc_type	NM
units	MG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	85		
ANTIMONY	0.16	U	
ARSENIC	1.8		
BARIUM	5.8		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	391000		
CHROMIUM	1.5		
COBALT	0.053	U	
COPPER	0.98		
IRON	77.6		
LEAD	2.5		
MAGNESIUM	985		
MANGANESE	3.2		
MERCURY	0.011		
NICKEL	0.41		
POTASSIUM	24.5		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	985		
THALLIUM	0.16	U	
TIN	4.4		
VANADIUM	0.93		
ZINC	2.1		

nsample	C03D-5C-24-0604
samp_date	6/5/2004
lab_id	F24649-9
qc_type	NM
units	MG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	76.2		
ANTIMONY	0.16	U	
ARSENIC	1.7		
BARIUM	8.7		
BERYLLIUM	0.033	U	
CADMIUM	0.033	U	
CALCIUM	383000		
CHROMIUM	1.6		
COBALT	0.055	U	
COPPER	0.84		
IRON	41.7		
LEAD	1.4		
MAGNESIUM	716		
MANGANESE	1.6		
MERCURY	0.0093		
NICKEL	0.37		
POTASSIUM	33.1		
SELENIUM	22	U	
SILVER	0.099	U	A
SODIUM	1350		
THALLIUM	0.16	U	
TIN	4.3		
VANADIUM	1.3		
ZINC	0.98		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-9C-06-0604
samp_date	6/5/2004
lab_id	F24649-4
qc_type	NM
units	MG/KG
Pct_Solids	97.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	524		
ANTIMONY	0.15	U	
ARSENIC	0.86		
BARIUM	6.1		
BERYLLIUM	0.036		
CADMIUM	0.03	U	
CALCIUM	234000		
CHROMIUM	4.5		
COBALT	0.17		
COPPER	0.79		
IRON	465		
LEAD	5.7		
MAGNESIUM	1530		
MANGANESE	21.3		
MERCURY	0.007		
NICKEL	0.87		
POTASSIUM	106		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	246		
THALLIUM	0.15	U	
TIN	2.7	U	A
VANADIUM	4.8		
ZINC	1.4		

nsample	C03D-9C-12-0604
samp_date	6/5/2004
lab_id	F24649-5
qc_type	NM
units	MG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	501		
ANTIMONY	0.16	U	
ARSENIC	0.77		
BARIUM	5.6		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	230000		
CHROMIUM	4.4		
COBALT	0.13		
COPPER	0.44		
IRON	442		
LEAD	0.59	U	A
MAGNESIUM	1440		
MANGANESE	20.1		
MERCURY	0.0084		
NICKEL	0.8		
POTASSIUM	95.5		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	217		
THALLIUM	0.16	U	
TIN	2.7	U	A
VANADIUM	4.6		
ZINC	0.66		

nsample	C03D-9C-24-0604
samp_date	6/5/2004
lab_id	F24649-6
qc_type	NM
units	MG/KG
Pct_Solids	95.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	497		
ANTIMONY	0.16	U	
ARSENIC	1.2		
BARIUM	6		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	240000		
CHROMIUM	4.5		
COBALT	0.13		
COPPER	0.46		
IRON	423		
LEAD	1.7		
MAGNESIUM	1460		
MANGANESE	19.6		
MERCURY	0.0059		
NICKEL	0.78		
POTASSIUM	94.6		
SELENIUM	21	U	
SILVER	0.18	U	A
SODIUM	282		
THALLIUM	0.16	U	
TIN	2.9	U	A
VANADIUM	4.5		
ZINC	0.77		

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	KW-DUP-01-0604
samp_date	6/6/2004
lab_id	F24649-13
qc_type	NM
units	MG/KG
Pct_Solids	96.6
DUP_OF:	C03D-01C-06-0604

Parameter	Result	Val Qual	Qual Code
ALUMINUM	659		
ANTIMONY	0.15	U	
ARSENIC	1.2		
BARIUM	6.7		
BERYLLIUM	0.066		
CADMIUM	0.03	U	
CALCIUM	232000		
CHROMIUM	5.3		
COBALT	0.16		
COPPER	0.6		
IRON	494		
LEAD	0.75	U	A
MAGNESIUM	1510		
MANGANESE	21.8		
MERCURY	0.0079		
NICKEL	0.99		
POTASSIUM	123		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	256		
THALLIUM	0.15	U	
TIN	2.8	U	A
VANADIUM	5.2		
ZINC	1		

nsample	KW-DUP-02-0604
samp_date	6/6/2004
lab_id	F24649-14
qc_type	NM
units	MG/KG
Pct_Solids	95.0
DUP_OF:	C03D-01C-12-0604

Parameter	Result	Val Qual	Qual Code
ALUMINUM	526		
ANTIMONY	0.15	U	
ARSENIC	1.5		
BARIUM	6.1		
BERYLLIUM	0.035		
CADMIUM	0.03	U	
CALCIUM	249000		
CHROMIUM	4.8		
COBALT	0.16		
COPPER	0.81		
IRON	449		
LEAD	3.2		
MAGNESIUM	1520		
MANGANESE	20.4		
MERCURY	0.0087		
NICKEL	0.87		
POTASSIUM	100		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	303		
THALLIUM	0.15	U	
TIN	3	U	A
VANADIUM	4.4		
ZINC	1.1		

nsample	KW-DUP-03-0604
samp_date	6/6/2004
lab_id	F24649-15
qc_type	NM
units	MG/KG
Pct_Solids	97.7
DUP_OF:	C03D-01C-24-0604

Parameter	Result	Val Qual	Qual Code
ALUMINUM	572		
ANTIMONY	0.15	U	
ARSENIC	1.2		
BARIUM	7.7		
BERYLLIUM	0.057		
CADMIUM	0.14		
CALCIUM	227000		
CHROMIUM	5.2		
COBALT	0.13		
COPPER	4.5		
IRON	712		
LEAD	20.1		
MAGNESIUM	1520		
MANGANESE	22.3		
MERCURY	0.011		
NICKEL	1.1		
POTASSIUM	109		
SELENIUM	20	U	
SILVER	0.059	U	
SODIUM	258		
THALLIUM	0.15	U	
TIN	2.7	U	A
VANADIUM	4.9		
ZINC	19.2	J	G

PROJ_NO: 0693

SDG: F24649 MEDIA: SOIL DATA FRACTION: M

nsample	KW-DUP-04-0604
samp_date	6/7/2004
lab_id	F24649-37
qc_type	NM
units	MG/KG
Pct_Solids	95.6
DUP_OF:	C03D-15C-12-0604

Parameter	Result	Val Qual	Qual Code
ALUMINUM	621		
ANTIMONY	0.16	U	
ARSENIC	1.6		
BARIUM	6.3		
BERYLLIUM	0.074		
CADMIUM	0.031	U	
CALCIUM	262000		
CHROMIUM	4.3		
COBALT	0.16		
COPPER	0.6		
IRON	525		
LEAD	1.9		
MAGNESIUM	1900		
MANGANESE	24.8		
MERCURY	0.0027		
NICKEL	0.89		
POTASSIUM	107		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	200		
THALLIUM	0.16	U	
TIN	3.2		
VANADIUM	5		
ZINC	0.75		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Report of Analysis

Client Sample ID:	C03D-01C-06-0604		
Lab Sample ID:	F24649-10	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	588	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.3	0.51	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.7 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.057 B	0.51	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	231000	5100	3.8	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.9	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.14 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.7 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	519	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	10.6	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1580	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.3	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.016 B	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.9 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	109 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	264 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.9 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.7 B	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	3.5	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-01C-12-0604		
Lab Sample ID:	F24649-11	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	556	21	0.69	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.5	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.4 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.041 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.30 B	0.42	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	242000	5200	4.0	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.2	1.0	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.57 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	485	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.74 B	10	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1580	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.8	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.013 B	0.089	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.86 B	4.2	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	106 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.094 B	1.0	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	248 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.9 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.7 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.95 B	2.1	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-01C-24-0604		
Lab Sample ID:	F24649-12	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	579	21	0.69	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.1	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.049 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.42	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	231000	5200	4.0	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.0	1.0	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.15 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.9 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	540	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	26.8	10	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1490	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.4	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.012 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.94 B	4.2	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	112 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.12 B	1.0	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	275 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.9 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	7.1	2.1	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-02C-06-0604		
Lab Sample ID:	F24649-16	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.8
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	555	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.1	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	7.2 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.045 B	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	255000	5300	4.0	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.1	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.14 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	3.0	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	530	11	0.76	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	101	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1400	530	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	19.5	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.039 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.86 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	105 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	315 B	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	7.3	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-02C-12-0604		
Lab Sample ID:	F24649-17	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	595	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.4	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.2 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.063 B	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	239000	5300	4.0	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.0	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.12 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.55 B	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	496	11	0.76	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.82 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	530	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.5	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0084 B	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.90 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	118 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	255 B	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.9 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.3	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.74 B	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

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Report of Analysis

Client Sample ID:	C03D-02C-24-0604		
Lab Sample ID:	F24649-18	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	94.5
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	537	21	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.4	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.9 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.067 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	222000	5200	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.8	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.10 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.98 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	439	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	2.9 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1400	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	19.8	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.015 B	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.90 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	106 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.062 U	1.0	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	280 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.4 B	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-03C-06-0604		
Lab Sample ID:	F24649-19	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	561	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	0.94	0.51	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.2 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.063 B	0.51	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	228000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.070 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	2.1 B	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	485	10	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.6 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1560	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.6	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0097 B	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.91 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	114 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	231 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.9 B	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.4 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-03C-12-0604		
Lab Sample ID:	F24649-20	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	667	21	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.2	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.5	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.2 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.070 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	233000	5200	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.3	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.20 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.64 B	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	516	10	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.0 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1570	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.0	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0062 B	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.92 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	110 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.062 U	1.0	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	243 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.45 B	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.2	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.2	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.1 B	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-03C-24-0604		
Lab Sample ID:	F24649-21	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	96.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	698	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.2	0.51	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.0 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.095 B	0.51	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.41	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	218000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.8	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.20 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.58 B	2.5	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	510	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.66 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	20.9	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0019 U	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.96 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	119 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	255 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.4	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.78 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

Report of Analysis

Client Sample ID:	C03D-04C-06-0604		
Lab Sample ID:	F24649-22	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	595	21	0.69	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.0	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.7 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.068 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.42	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	236000	5200	4.0	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.0	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.15 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.7 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	572	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	6.1 B	10	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1620	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.1	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0041 B	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.92 B	4.2	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	107 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.0	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	217 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	5.0	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-04C-12-0604		
Lab Sample ID:	F24649-23	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.5
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	665	21	0.71	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.7	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.069 B	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	242000	5300	4.1	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.7	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.22 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.55 B	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	536	11	0.76	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.61 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1760	530	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	23.2	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0019 U	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.0 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	114 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	222 B	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.1 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.79 B	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-04C-24-0604		
Lab Sample ID:	F24649-24	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	678	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.2	0.50	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.0 B	20	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.082 B	0.50	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	227000	5000	3.8	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.8	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.14 B	5.0	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.48 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	512	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.73 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1610	500	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.8	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0031 B	0.089	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	113 B	500	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.060 U	1.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	211 B	500	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.9 B	5.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.0	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.67 B	2.0	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-08C-06-0604		
Lab Sample ID:	F24649-31	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	651	20	0.66	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.4	0.50	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.7 B	20	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.095 B	0.50	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	238000	5000	3.8	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.1	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.0	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.4 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	578	10	0.71	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	9.2 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1650	500	0.99	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.5	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0061 B	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.0 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	121 B	500	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.060 U	1.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	232 B	500	14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.0	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	5.1	2.0	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-08C-12-0604		
Lab Sample ID:	F24649-32	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed By		Method	Prep Method
Aluminum	503	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.1	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.9 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.42	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	236000	5300	4.0	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.1	1.1	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.092 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.49 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	440	11	0.75	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.4 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	530	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.1	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0059 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.76 B	4.2	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	95.2 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	203 B	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.4 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.5 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.82 B	2.1	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-08C-24-0604		
Lab Sample ID:	F24649-33	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	481	21	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.2	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.0	0.51	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	187	21	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.51	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.067 B	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	259000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.5	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.051 U	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	10.8	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	544	10	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	33.5	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	2590	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	19.2	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.046 B	0.089	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.1 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	82.3 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.062 U	1.0	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	670	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.9 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	3.8 B	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	49.9	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

Report of Analysis

Client Sample ID:	C03D-12C-06-0604		
Lab Sample ID:	F24649-28	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	652	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.4	0.51	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.9 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.086 B	0.51	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	230000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.8	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.13 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.48 B	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	505	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.6 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1590	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.6	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0019 U	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.84 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	111 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	216 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.83 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-12C-12-0604		
Lab Sample ID:	F24649-29	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.3
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	653	21	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.2	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.4	0.51	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.9 B	21	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.086 B	0.51	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	241000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.9	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.13 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.1 B	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	518	10	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	3.9 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1860	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.7	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0048 B	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.92 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	114 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.062 U	1.0	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	352 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.3	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	2.5	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-12C-24-0604		
Lab Sample ID:	F24649-30	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	86.2
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	326	23	0.77	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.17 U	7.0	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.3	0.58	0.32	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	28.9	23	0.058	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.035 U	0.58	0.035	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.035 U	0.46	0.035	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	385000	5800	4.4	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	3.1	1.2	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.11 B	5.8	0.058	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	4.3	2.9	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	267	12	0.82	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	14.3	12	0.14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1170	580	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	15.5	1.7	0.019	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.040 B	0.095	0.0021	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.55 B	4.6	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	53.5 B	580	1.6	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	23 U	48	23	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.070 U	1.2	0.070	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1520	580	17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.17 U	1.2	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.6 B	5.8	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.0 B	5.8	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	10.1	2.3	0.068	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-13C-06-0604		
Lab Sample ID:	F24649-1	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	94.6
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	192	21	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	4.7 B	6.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.9	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	19.4 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.46	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	389000	5200	3.9	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.10 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	23.6	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	497	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	288	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1000	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	10.3	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.033 B	0.090	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.3 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	50.9 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.19 B	1.0	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1450	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.1 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.8 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	75.7	2.1	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-13C-12-0604		
Lab Sample ID:	F24649-2	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	91.5
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	61.7	22	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.17 U	6.7	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.1	0.56	0.31	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	7.5 B	22	0.056	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.033 U	0.56	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.033 U	0.45	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	397000	5600	4.2	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	1.7	1.1	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.056 U	5.6	0.056	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.2 B	2.8	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	46.0	11	0.79	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.7 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	884	560	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	1.5 B	1.7	0.018	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0095 B	0.091	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.58 B	4.5	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	32.9 B	560	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	22 U	44	22	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.14 B	1.1	0.067	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1370	560	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.17 U	1.1	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.9 B	5.6	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.5 B	5.6	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	3.0	2.2	0.066	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-13C-24-0604		
Lab Sample ID:	F24649-3	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	90.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	50.5	23	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.17 U	6.8	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.7	0.56	0.32	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	8.8 B	23	0.056	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.034 U	0.56	0.034	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.034 U	0.45	0.034	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	380000	5600	4.3	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	1.5	1.1	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.056 U	5.6	0.056	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.49 B	2.8	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	25.5	11	0.80	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.87 B	11	0.14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	547 B	560	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	0.84 B	1.7	0.018	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0021 U	0.093	0.0021	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.40 B	4.5	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	38.6 B	560	1.6	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	23 U	44	23	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.11 B	1.1	0.068	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1700	560	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.17 U	1.1	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.3 B	5.6	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.2 B	5.6	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.42 B	2.3	0.066	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

Report of Analysis

Client Sample ID:	C03D-14C-06-0604		
Lab Sample ID:	F24649-38	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	98.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	600	20	0.66	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.9	0.50	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	20	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.083 B	0.50	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	243000	5000	3.8	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.0	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.95 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	628	10	0.71	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	8.9 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1710	500	0.99	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	23.4	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0038 B	0.084	0.0018	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.0 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	102 B	500	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.060 U	1.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	218 B	500	14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.2 B	5.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.0	5.0	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	2.7	2.0	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-14C-12-0604		
Lab Sample ID:	F24649-39	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	96.5
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	627	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.6	0.51	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.4 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.087 B	0.51	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.41	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	236000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.5	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.15 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.71 B	2.5	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	524	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	25.5	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1640	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.7	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.012 B	0.088	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.95 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	108 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	226 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.1	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.6 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-14C-24-0604		
Lab Sample ID:	F24649-40	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	90.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	623	22	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.5	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.8	0.54	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.1 B	22	0.054	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.081 B	0.54	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.033 U	0.43	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	234000	5400	4.1	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.9	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.4	0.054	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.57 B	2.7	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	511	11	0.77	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	3.8 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1630	540	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.2	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0037 B	0.094	0.0021	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	102 B	540	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	22 U	44	22	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.065 U	1.1	0.065	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	213 B	540	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.6 B	5.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.1 B	5.4	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.99 B	2.2	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-15C-06-0604		
Lab Sample ID:	F24649-34	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	637	20	0.65	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	5.9	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.9	0.49	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	20	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.073 B	0.49	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.39	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	249000	4900	3.7	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.4	0.98	0.039	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.14 B	4.9	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.75 B	2.5	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	527	9.8	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	4.9 B	9.8	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1850	490	0.97	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	24.2	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0038 B	0.083	0.0018	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.89 B	3.9	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	109 B	490	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.059 U	0.98	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	198 B	490	14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	0.98	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.1 B	4.9	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.0	4.9	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.7 B	2.0	0.058	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-15C-12-0604		
Lab Sample ID:	F24649-35	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	632	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.8	0.50	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.5 B	20	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.073 B	0.50	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	271000	5000	3.8	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.4	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.12 B	5.0	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.48 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	523	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.49 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1970	500	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	25.6	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0021 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.89 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	108 B	500	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.060 U	1.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	188 B	500	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.3 B	5.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.0	5.0	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.63 B	2.0	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-15C-24-0604		
Lab Sample ID:	F24649-36	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	80.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	119	25	0.83	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.19 U	7.6	0.19	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.1	0.63	0.35	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	9.3 B	25	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.038 U	0.63	0.038	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.038 U	0.50	0.038	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	394000	6300	4.8	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	2.2	1.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.063 U	6.3	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	3.0 B	3.2	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	177	13	0.90	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	9.9 B	13	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1660	630	1.2	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	3.1	1.9	0.020	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.054 B	0.10	0.0023	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.52 B	5.0	0.14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	39.7 B	630	1.7	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	25 U	46	25	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.076 U	1.3	0.076	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1580	630	18	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.19 U	1.3	0.19	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.1 B	6.3	0.19	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.1 B	6.3	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	7.2	2.5	0.074	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

Report of Analysis

Client Sample ID:	C03D-16C-06-0604		
Lab Sample ID:	F24649-25	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	550	20	0.68	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.1	0.51	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.067 B	0.51	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	231000	5100	3.9	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.15 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.3 B	2.6	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	493	10	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	9.3 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1600	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.1	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0048 B	0.089	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.85 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	103 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	212 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.6 B	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	4.5	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-16C-12-0604		
Lab Sample ID:	F24649-26	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	93.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	581	22	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.6	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.5	0.55	0.31	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.2 B	22	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.064 B	0.55	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.033 U	0.44	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	244000	5500	4.2	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.6	1.1	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.5	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.2 B	2.7	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	551	11	0.78	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	13.5	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1710	550	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	23.5	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0026 B	0.088	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.88 B	4.4	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	112 B	550	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	22 U	44	22	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.066 U	1.1	0.066	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	195 B	550	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.1 B	5.5	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.5	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	3.1	2.2	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-16C-24-0604		
Lab Sample ID:	F24649-27	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	92.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	545	22	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.17 U	6.6	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.7	0.55	0.31	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.5 B	22	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.044 B	0.55	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.033 U	0.44	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	265000	5500	4.2	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.2	1.1	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.17 B	5.5	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	2.2 B	2.8	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	498	11	0.78	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	35.7	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1900	550	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	25.1	1.7	0.018	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0019 B	0.088	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.4	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	102 B	550	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium	22 U	44	22	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.066 U	1.1	0.066	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	189 B	550	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.17 U	1.1	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.4 B	5.5	0.17	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.7 B	5.5	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	5.9	2.2	0.065	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-5C-06-0604		
Lab Sample ID:	F24649-7	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	92.2
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	248	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	5.7 B	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.8	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	34.6	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.83	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	385000	5300	4.0	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.9	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.21 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	69.6	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	2220	11	0.75	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	595	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1260	530	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	28.2	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.10	0.089	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	2.4 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	47.9 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1280	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.9	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	2.7 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	166	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-5C-12-0604		
Lab Sample ID:	F24649-8	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	93.8
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	85.0	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.8	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.8 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	391000	5300	4.1	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	1.5	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.053 U	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.98 B	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	77.6	11	0.76	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	2.5 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	985	530	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	3.2	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.011 B	0.087	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.41 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	24.5 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	985	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.4 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	0.93 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	2.1	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result >= IDL but < RL

ACCUTEST LABORATORIES

Report of Analysis

Client Sample ID:	C03D-5C-24-0604		
Lab Sample ID:	F24649-9	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	91.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	76.2	22	0.73	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.6	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.7	0.55	0.31	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	8.7 B	22	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.033 U	0.55	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.033 U	0.44	0.033	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	383000	5500	4.2	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	1.6	1.1	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.055 U	5.5	0.055	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.84 B	2.7	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	41.7	11	0.78	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.4 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	716	550	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	1.6	1.6	0.018	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0093 B	0.093	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.37 B	4.4	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	33.1 B	550	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	22 U	44	22	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.099 B	1.1	0.066	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1350	550	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.3 B	5.5	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.3 B	5.5	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.98 B	2.2	0.065	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	C03D-9C-06-0604		
Lab Sample ID:	F24649-4	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	524	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	0.86	0.50	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.1 B	20	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.036 B	0.50	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	234000	5000	3.8	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.5	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.17 B	5.0	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.79 B	2.5	0.044	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	465	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	5.7 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1530	500	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.3	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0070 B	0.084	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	106 B	500	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	246 B	500	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.7 B	5.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.0	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.4 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

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Report of Analysis

Client Sample ID:	C03D-9C-12-0604		
Lab Sample ID:	F24649-5	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	96.8
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	501	21	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	0.77	0.53	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.6 B	21	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.42	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	230000	5300	4.0	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.4	1.1	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.13 B	5.3	0.053	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.44 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	442	11	0.75	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.59 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1440	530	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	20.1	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0084 B	0.088	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.80 B	4.2	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	95.5 B	530	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	217 B	530	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.7 B	5.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.6 B	5.3	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.66 B	2.1	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-9C-24-0604		
Lab Sample ID:	F24649-6	Date Sampled:	06/05/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	497	21	0.71	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.2	0.54	0.30	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.0 B	21	0.054	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.54	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	240000	5400	4.1	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.5	1.1	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.13 B	5.4	0.054	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.46 B	2.7	0.047	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	423	11	0.76	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.7 B	11	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1460	540	1.1	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	19.6	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0059 B	0.089	0.0020	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.78 B	4.3	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	94.6 B	540	1.5	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.18 B	1.1	0.064	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	282 B	540	16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.9 B	5.4	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.5 B	5.4	0.050	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.77 B	2.1	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	KW-DUP-01-0604		
Lab Sample ID:	F24649-13	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	96.6
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	659	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.2	0.51	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.7 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.066 B	0.51	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.41	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	232000	5100	3.9	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.3	1.0	0.041	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.60 B	2.5	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	494	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.75 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1510	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.8	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0079 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.99 B	4.1	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	123 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	256 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.0 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	KW-DUP-02-0604		
Lab Sample ID:	F24649-14	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	526	20	0.67	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.5	0.51	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.1 B	20	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.035 B	0.51	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.030 U	0.40	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	249000	5100	3.8	mg/kg	10	06/09/04	06/14/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.8	1.0	0.040	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.1	0.051	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.81 B	2.5	0.045	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	449	10	0.72	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	3.2 B	10	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	510	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	20.4	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0087 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.0	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	100 B	510	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	303 B	510	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.1	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.4 B	5.1	0.048	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.1 B	2.0	0.060	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3841
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	KW-DUP-03-0604		
Lab Sample ID:	F24649-15	Date Sampled:	06/06/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	97.7
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	572	20	0.65	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	5.9	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.2	0.49	0.28	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	7.7 B	20	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.057 B	0.49	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.14 B	0.39	0.030	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	227000	4900	3.7	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.2	0.98	0.039	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.13 B	4.9	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	4.5	2.5	0.043	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	712	9.8	0.70	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	20.1	9.8	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	490	0.97	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	22.3	1.5	0.016	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.011 B	0.085	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.1 B	3.9	0.11	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	109 B	490	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.059 U	0.98	0.059	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	258 B	490	14	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	0.98	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.7 B	4.9	0.15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.9	4.9	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	19.2	2.0	0.058	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6765
(5) Prep QC Batch: MP6769

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Report of Analysis

Client Sample ID:	KW-DUP-04-0604		
Lab Sample ID:	F24649-37	Date Sampled:	06/07/04
Matrix:	SO - Soil	Date Received:	06/08/04
		Percent Solids:	95.6
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	621	21	0.69	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.6	0.52	0.29	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.3 B	21	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.074 B	0.52	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.42	0.031	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	262000	5200	4.0	mg/kg	10	06/09/04	06/15/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.3	1.0	0.042	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.16 B	5.2	0.052	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.60 B	2.6	0.046	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	525	10	0.74	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	1.9 B	10	0.13	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1900	520	1.0	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	24.8	1.6	0.017	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0027 B	0.086	0.0019	mg/kg	1	06/10/04	06/11/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.89 B	4.2	0.12	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	107 B	520	1.4	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.0	0.063	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	200 B	520	15	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.2 B	5.2	0.16	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.0 B	5.2	0.049	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.75 B	2.1	0.062	mg/kg	1	06/09/04	06/10/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3837
(2) Instrument QC Batch: MA3838
(3) Instrument QC Batch: MA3844
(4) Prep QC Batch: MP6766
(5) Prep QC Batch: MP6770

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST. Laboratories

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-1 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-13C-06-0604

Wet Weight (Total)	5.59	g
Tare Weight	.98	g
Dry Weight (Total)	5.34	g
Solids, Percent	94.6	%

Sample: F24649-2 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-13C-12-0604

Wet Weight (Total)	5.81	g
Tare Weight	.98	g
Dry Weight (Total)	5.4	g
Solids, Percent	91.5	%

Sample: F24649-3 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-13C-24-0604

Wet Weight (Total)	6.47	g
Tare Weight	.99	g
Dry Weight (Total)	5.96	g
Solids, Percent	90.7	%

Sample: F24649-4 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-9C-06-0604

Wet Weight (Total)	5.38	g
Tare Weight	.97	g
Dry Weight (Total)	5.25	g
Solids, Percent	97.1	%

Sample: F24649-5 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-9C-12-0604

Wet Weight (Total)	6.3	g
Tare Weight	.98	g
Dry Weight (Total)	6.13	g
Solids, Percent	96.8	%

Sample: F24649-6 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-9C-24-0604

Wet Weight (Total)	7.73	g
Tare Weight	1	g
Dry Weight (Total)	7.4	g
Solids, Percent	95.1	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-7 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-5C-06-0604

Wet Weight (Total)	5.36	g
Tare Weight	1.01	g
Dry Weight (Total)	5.02	g
Solids, Percent	92.2	%

Sample: F24649-8 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-5C-12-0604

Wet Weight (Total)	5.5	g
Tare Weight	.98	g
Dry Weight (Total)	5.22	g
Solids, Percent	93.8	%

Sample: F24649-9 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-5C-24-0604

Wet Weight (Total)	5.19	g
Tare Weight	.97	g
Dry Weight (Total)	4.81	g
Solids, Percent	91	%

Sample: F24649-10 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-01C-06-0604

Wet Weight (Total)	6.35	g
Tare Weight	1.01	g
Dry Weight (Total)	6.19	g
Solids, Percent	97	%

Sample: F24649-11 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-01C-12-0604

Wet Weight (Total)	5.93	g
Tare Weight	1	g
Dry Weight (Total)	5.72	g
Solids, Percent	95.7	%

Sample: F24649-12 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-01C-24-0604

Wet Weight (Total)	5.22	g
Tare Weight	.98	g
Dry Weight (Total)	5.03	g
Solids, Percent	95.5	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-13 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: KW-DUP-01-0604

Wet Weight (Total)	6.81	g
Tare Weight	.98	g
Dry Weight (Total)	6.61	g
Solids, Percent	96.6	%

Sample: F24649-14 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: KW-DUP-02-0604

Wet Weight (Total)	5.78	g
Tare Weight	.96	g
Dry Weight (Total)	5.54	g
Solids, Percent	95	%

Sample: F24649-15 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: KW-DUP-03-0604

Wet Weight (Total)	6.24	g
Tare Weight	.97	g
Dry Weight (Total)	6.12	g
Solids, Percent	97.7	%

Sample: F24649-16 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-02C-06-0604

Wet Weight (Total)	5.28	g
Tare Weight	.97	g
Dry Weight (Total)	5.1	g
Solids, Percent	95.8	%

Sample: F24649-17 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-02C-12-0604

Wet Weight (Total)	7.96	g
Tare Weight	.96	g
Dry Weight (Total)	7.67	g
Solids, Percent	95.9	%

Sample: F24649-18 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-02C-24-0604

Wet Weight (Total)	6.11	g
Tare Weight	.98	g
Dry Weight (Total)	5.83	g
Solids, Percent	94.5	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-19 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-03C-06-0604

Wet Weight (Total)	8.08	g
Tare Weight	1	g
Dry Weight (Total)	7.93	g
Solids, Percent	97.9	%

Sample: F24649-20 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-03C-12-0604

Wet Weight (Total)	5.98	g
Tare Weight	.97	g
Dry Weight (Total)	5.83	g
Solids, Percent	97	%

Sample: F24649-21 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-03C-24-0604

Wet Weight (Total)	6.66	g
Tare Weight	.98	g
Dry Weight (Total)	6.47	g
Solids, Percent	96.7	%

Sample: F24649-22 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-04C-06-0604

Wet Weight (Total)	5.7	g
Tare Weight	.97	g
Dry Weight (Total)	5.6	g
Solids, Percent	97.9	%

Sample: F24649-23 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-04C-12-0604

Wet Weight (Total)	6.37	g
Tare Weight	.98	g
Dry Weight (Total)	6.13	g
Solids, Percent	95.5	%

Sample: F24649-24 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-04C-24-0604

Wet Weight (Total)	5.53	g
Tare Weight	1	g
Dry Weight (Total)	5.32	g
Solids, Percent	95.4	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-25 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-16C-06-0604

Wet Weight (Total)	5.17	g
Tare Weight	.98	g
Dry Weight (Total)	4.99	g
Solids, Percent	95.7	%

Sample: F24649-26 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-16C-12-0604

Wet Weight (Total)	5.08	g
Tare Weight	.96	g
Dry Weight (Total)	4.81	g
Solids, Percent	93.4	%

Sample: F24649-27 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-16C-24-0604

Wet Weight (Total)	6.08	g
Tare Weight	1.01	g
Dry Weight (Total)	5.71	g
Solids, Percent	92.7	%

Sample: F24649-28 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-12C-06-0604

Wet Weight (Total)	5.42	g
Tare Weight	.99	g
Dry Weight (Total)	5.33	g
Solids, Percent	98	%

Sample: F24649-29 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-12C-12-0604

Wet Weight (Total)	5.04	g
Tare Weight	.96	g
Dry Weight (Total)	4.85	g
Solids, Percent	95.3	%

Sample: F24649-30 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-12C-24-0604

Wet Weight (Total)	6.91	g
Tare Weight	.98	g
Dry Weight (Total)	6.09	g
Solids, Percent	86.2	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-31 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-08C-06-0604

Wet Weight (Total)	7.46	g
Tare Weight	.96	g
Dry Weight (Total)	7.34	g
Solids, Percent	98.2	%

Sample: F24649-32 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-08C-12-0604

Wet Weight (Total)	6.03	g
Tare Weight	.98	g
Dry Weight (Total)	5.87	g
Solids, Percent	96.8	%

Sample: F24649-33 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-08C-24-0604

Wet Weight (Total)	6.85	g
Tare Weight	.98	g
Dry Weight (Total)	6.46	g
Solids, Percent	93.4	%

Sample: F24649-34 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-15C-06-0604

Wet Weight (Total)	6.56	g
Tare Weight	1.02	g
Dry Weight (Total)	6.43	g
Solids, Percent	97.7	%

Sample: F24649-35 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-15C-12-0604

Wet Weight (Total)	7.48	g
Tare Weight	.96	g
Dry Weight (Total)	7.18	g
Solids, Percent	95.4	%

Sample: F24649-36 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-15C-24-0604

Wet Weight (Total)	6.39	g
Tare Weight	.95	g
Dry Weight (Total)	5.35	g
Solids, Percent	80.9	%

Percent Solids Raw Data Summary

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24649-37 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: KW-DUP-04-0604

Wet Weight (Total)	8.02	g
Tare Weight	.96	g
Dry Weight (Total)	7.71	g
Solids, Percent	95.6	%

Sample: F24649-38 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-14C-06-0604

Wet Weight (Total)	6.32	g
Tare Weight	.96	g
Dry Weight (Total)	6.22	g
Solids, Percent	98.1	%

Sample: F24649-39 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-14C-12-0604

Wet Weight (Total)	7.58	g
Tare Weight	1.01	g
Dry Weight (Total)	7.35	g
Solids, Percent	96.5	%

Sample: F24649-40 Analyzed: 09-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-14C-24-0604

Wet Weight (Total)	5.99	g
Tare Weight	.98	g
Dry Weight (Total)	5.51	g
Solids, Percent	90.4	%

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG F24649

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
HG	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/10/2004	06/11/2004	3	1	4
HG	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/10/2004	06/11/2004	4	1	5
HG	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/10/2004	06/11/2004	5	1	6
M	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/14/2004	3	5	8
M	MG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/10/2004	4	1	5
M	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/15/2004	2	6	8
M	MG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/15/2004	3	6	9
M	MG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/10/2004	3	1	4
M	MG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
M	MG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/14/2004	4	5	9
M	MG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/10/2004	2	1	3
PCS	%	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4
PCS	%	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
PCS	%	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/09/2004	06/09/2004	2	0	2
PCS	%	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/09/2004	06/09/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/09/2004	06/09/2004	3	0	3
OS	%	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/15/2004	06/16/2004	8	1	9
OS	%	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	%	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	%	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	%	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	%	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	%	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	%	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	%	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-13C-12-0604	F24649-2	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-03C-12-0604	F24649-20	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-12C-12-0604	F24649-29	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-12C-06-0604	F24649-28	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-08C-24-0604	F24649-33	NM	06/07/2004	06/15/2004	06/16/2004	8	1	9
OS	UG/KG	C03D-08C-12-0604	F24649-32	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-08C-06-0604	F24649-31	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-04C-24-0604	F24649-24	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-04C-12-0604	F24649-23	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-14C-06-0604	F24649-38	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-03C-24-0604	F24649-21	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-13C-24-0604	F24649-3	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-03C-06-0604	F24649-19	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-02C-24-0604	F24649-18	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	UG/KG	C03D-02C-12-0604	F24649-17	NM	06/06/2004	06/11/2004	06/15/2004	5	4	9
OS	UG/KG	C03D-02C-06-0604	F24649-16	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-24-0604	F24649-12	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-12-0604	F24649-11	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-01C-06-0604	F24649-10	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-04C-06-0604	F24649-22	NM	06/06/2004	06/14/2004	06/15/2004	8	1	9
OS	UG/KG	C03D-16C-24-0604	F24649-27	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	KW-DUP-03-0604	F24649-15	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	KW-DUP-02-0604	F24649-14	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	KW-DUP-01-0604	F24649-13	NM	06/06/2004	06/11/2004	06/14/2004	5	3	8
OS	UG/KG	C03D-9C-24-0604	F24649-6	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-9C-12-0604	F24649-5	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-9C-06-0604	F24649-4	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-5C-24-0604	F24649-9	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-12C-24-0604	F24649-30	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-5C-06-0604	F24649-7	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9
OS	UG/KG	C03D-13C-06-0604	F24649-1	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-16C-12-0604	F24649-26	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-16C-06-0604	F24649-25	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-24-0604	F24649-36	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-12-0604	F24649-35	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-15C-06-0604	F24649-34	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-14C-24-0604	F24649-40	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	UG/KG	C03D-14C-12-0604	F24649-39	NM	06/07/2004	06/14/2004	06/16/2004	7	2	9
OS	UG/KG	KW-DUP-04-0604	F24649-37	NM	06/07/2004	06/14/2004	06/15/2004	7	1	8
OS	UG/KG	C03D-5C-12-0604	F24649-8	NM	06/05/2004	06/11/2004	06/14/2004	6	3	9

#1

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

F24649

ACCUTEST JOB #:
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO: PHONE # 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX # 803/642-8454

ANALYTICAL INFORMATION

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	TAL Metals + Tin	TCL SVOCs	LAB USE ONLY
1	C03D-13C-06-0604	6/5/04	1215	GB	SO	1					X	X	X	
2	C03D-13-C-12-0604	6/5/04	1210											
3	C03D-13-C-24-0604		1205											
4	C03D-9C-06-0604		1248											
5	C03D-9C-12-0604		1248											
6	C03D-9C-24-0604		1248											
7	C03D-5C-06-0604		1604											
8	C03D-5C-12-0604		1604											
9	C03D-5C-24-0604		1604											

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. Gary Bragg	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1 4

F24649: Chain of Custody
Page 1 of 6

ACCUTEST Laboratories

#2

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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 HNO3	PRESERVATION H2SO4	PRESERVATION NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
10	C03D-01C-06-0604	6/6/04	0904	GB	SO	1				X	X	X	
11	C03D-01C-12-0604	↓	0904	↓	↓	↓				↓	✓	✓	
12	C03D-01C-24-0604		0904								✓	✓	
13	KW-DUP-01-0604		0000								✓	✓	
14	[redacted]-DUP-02 0604		0000								✓	✓	
15	[redacted]-DUP-03-0604		0000								✓	✓	
16	C03D-02C-06-0604		1032								✓	✓	
17	C03D-02C-12-0604		1032								✓	✓	
18	C03D-02C-24-0604		1032								✓	✓	
19	[redacted]D-03C-06-0604		1420 ~~1035~~								✓	✓	
20	[redacted]D-03C-12-0604	↓	1420	↓	↓	↓				↓	✓	✓	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 ~1.2 C

4.1 4

F24649: Chain of Custody
Page 2 of 6

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#3

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 803/649 7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

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 HNO3	PRESERVATION H2SO4	PRESERVATION NaOH	PRESERVATION NONE	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
21	C03D-03C-24-0604	6/6/04	1420	GB	SO	1					X	X	X	
22	C03D-04C-06-0604	↓	1501	↓	↓	↓					↓	↓	↓	
23	C03D-04C-12-0604		1501									↓	↓	
24	C03D-04C-24-0604	↓	1501	↓	↓	↓					↓	↓	↓	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1 4

F24649: Chain of Custody
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ACCUTEST

#4

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION

TAL Metals + Sn
TCL SVOCs

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	TAL Metals + Sn	TCL SVOCs	LAB USE ONLY
(25)	C03D-16C-06-0604	6/7/04	0955	GB	SO	1					X	X	X	
(26)	C03D-16C-12-0604	↓	↓	↓	↓	↓					↓	↓	↓	
(27)	C03D-16C-24-0604		↓									↓		
(28)	C03D-12C-06-0604		1055									↓		
(29)	C03D-12C-12-0604		↓									↓		
(30)	C03D-12C-24-0604		↓									↓		
(31)	C03D-08C-06-0604		1220									↓		
(32) (34)	C03D-08C-12-0604		1220									↓		
(32) (35)	C03D-08C-12-0604 MS		1220											
(32) (36)	C03D-08C-12-0604 MSD	↓	1220	↓	↓	↓					↓	↓	↓	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/7/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04 9:00
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1 4

F24649: Chain of Custody
Page 4 of 6

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#5 ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #: F24649
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803/649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803/642-8454

ANALYTICAL INFORMATION: TAL Metals + Sn; TCL SVOCs

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	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	HNO3	H2SO4	NONE	TAL Metals + Sn	TCL SVOCs
31	C03D-08C-24-0604	6/7/04	1220	GB	SO	1				X	X	X
32	C03D-07C-24-0604 MS	↓	1220	↓		1				↓	↓	↓
33	C03D-08C-24-0604 MSD		1220			2						
34	C03D-15C-06-0604		1525			2					✓	
35	C03D-15C-12-0604		1525			2					✓	
36	C03D-15C-24-0604		1525			2					✓	
37	KW-DUP-04-0604		0000			2					✓	
38	C03D-14C-06-0604		1610			2					✓	
39	C03D-14C-06 12-0604		1610			2					✓	
40 (38)	C03D-14C-24-0604	↓	1610	↓		2				↓	✓	✓
	MM 6/8/04											

LAB USE ONLY

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/07/04	1. FedEx	2. FedEx	6/8/04 9:00	2. [signature] 6/8/04
RELINQUISHED BY: 3.	DATE TIME:	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 -1.2 C

4.1 4

Southeast
ACCUTEST
Laboratories

06/23/04

Technical Report for

Tetra Tech, NUS

NAS Key West/CTO 349; Key West, FL

N0693-WR446(SS)

Accutest Job Number: F24649

Sampling Dates: 06/05/04 - 06/07/04

Report to:

Total number of pages in report: 303

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra Tech, NUS **Job No:** F24649

Site: NAS Key West/CTO 349; Key West, FL **Report Date** 6/21/04 9:48:50 AM

40 Samples were collected on between 06/05/2004 and 06/07/2004 and were received at Accutest on 06/08/2004 properly preserved, at 1.2 Deg. C and intact. These Samples received an Accutest job number of F24649. 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 GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP10656

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F24649-4MS, F24649-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** OP10674

All samples were extracted 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 F24649-32MS, F24649-32MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP10685

All samples were extracted 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 F24685-6MS, F24685-6MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix: SO **Batch ID:** MP6765

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 F24649-32DUP, F24649-32MS, F24649-32MSD, F24649-32SDL were used as the QC samples for metals.

Matrix Spike Recovery and Matrix Spike Duplicate Recovery for Potassium are outside control limits. Spike recoverys indicate possible matrix interference and/or sample nonhomogeneity.
RPDs for Duplicate for Cobalt, Copper, Lead, Silver are outside control limits for sample MP6765-D1. RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Arsenic, Cobalt, Copper, Lead, Nickel, Sodium, Calcium, Magnesium, Potassium are outside control limits for sample MP6765-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL) for Arsenic, Cobalt, Copper, Lead, Nickel, Sodium.

MP6765-SD1 for Calcium, Magnesium, Potassium: Serial dilution indicates possible matrix interference.

F24649-18 for Selenium: Elevated reporting limits due to matrix interference.

F24649-2 for Selenium: Elevated reporting limits due to matrix interference.

F24649-1 for Selenium: Elevated reporting limits due to matrix interference.

F24649-4 for Selenium: Elevated reporting limits due to matrix interference.

F24649-32 for Selenium: Elevated reporting limits due to matrix interference.

F24649-6 for Selenium: Elevated reporting limits due to matrix interference.

F24649-19 for Selenium: Elevated reporting limits due to matrix interference.

F24649-11 for Selenium: Elevated reporting limits due to matrix interference.

F24649-16 for Selenium: Elevated reporting limits due to matrix interference.

Metals By Method SW846 6010B

Matrix: SO **Batch ID:** MP6765

F24649-10 for Selenium: Elevated reporting limits due to matrix interference.

F24649-9 for Selenium: Elevated reporting limits due to matrix interference.

F24649-7 for Selenium: Elevated reporting limits due to matrix interference.

F24649-17 for Selenium: Elevated reporting limits due to matrix interference.

F24649-5 for Selenium: Elevated reporting limits due to matrix interference.

F24649-12 for Selenium: Elevated reporting limits due to matrix interference.

F24649-13 for Selenium: Elevated reporting limits due to matrix interference.

F24649-14 for Selenium: Elevated reporting limits due to matrix interference.

F24649-15 for Selenium: Elevated reporting limits due to matrix interference.

F24649-3 for Selenium: Elevated reporting limits due to matrix interference.

F24649-8 for Selenium: Elevated reporting limits due to matrix interference.

Matrix: SO **Batch ID:** MP6766

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 F24649-33DUP, F24649-33MS, F24649-33MSD, F24649-33SDL were used as the QC samples for metals.

Matrix Spike Recoverys for Antimony, Barium, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

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

Matrix Spike Recovery for Calcium is 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 Barium, Lead, Zinc, Cobalt, Sodium are outside control limits for sample MP6766-D1 for Barium, Lead, Zinc. High RPD due to possible sample nonhomogeneity.

MP6766-D1 for Sodium: RPD acceptable due to low duplicate and sample concentrations.

MP6766-D1 for Cobalt: RPD acceptable due to low duplicate and sample concentrations.

RPDs for Serial Dilution for Arsenic, Cadmium, Nickel, Tin, Calcium, Chromium, Iron, Lead, Magnesium, Manganese, Potassium, Zinc are outside control limits for sample MP6766-SD1, MP6766-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL) for Arsenic, Cadmium, Nickel, Tin.

MP6766-SD1 for Calcium, Chromium, Iron, Lead, Magnesium, Manganese, Potassium, Zinc: Serial dilution indicates possible matrix interference.

F24649-37 for Selenium: Elevated reporting limits due to matrix interference.

F24649-36 for Selenium: Elevated reporting limits due to matrix interference.

F24649-35 for Selenium: Elevated reporting limits due to matrix interference.

F24649-34 for Selenium: Elevated reporting limits due to matrix interference.

F24649-40 for Selenium: Elevated reporting limits due to matrix interference.

F24649-31 for Selenium: Elevated reporting limits due to matrix interference.

F24649-38 for Selenium: Elevated reporting limits due to matrix interference.

F24649-33 for Selenium: Elevated reporting limits due to matrix interference.

F24649-39 for Selenium: Elevated reporting limits due to matrix interference.

Metals By Method SW846 7471A

Matrix: SO **Batch ID:** MP6769

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 F24649-32DUP, F24649-32MS, F24649-32MSD were used as the QC samples for metals.

Matrix: SO **Batch ID:** MP6770

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 F24649-33DUP, F24649-33MS, F24649-33MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN14752

Sample F24649-3DUP was used as the QC sample for Solids, Percent.

Matrix: SO **Batch ID:** GN14753

Sample F24649-21DUP was used as the QC sample for Solids, Percent.

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:

_____ Date: June 21, 2004

Ellen Pampel, Inorganic QA (signature on file)

Monday, June 21, 2004

Sample Summary

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F24649-1	06/05/04	12:15 GB	06/08/04	SO	Soil	C03D-13C-06-0604
F24649-2	06/05/04	12:10 GB	06/08/04	SO	Soil	C03D-13C-12-0604
F24649-3	06/05/04	12:05 GB	06/08/04	SO	Soil	C03D-13C-24-0604
F24649-4	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-06-0604
F24649-5	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-12-0604
F24649-6	06/05/04	12:48 GB	06/08/04	SO	Soil	C03D-9C-24-0604
F24649-7	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-06-0604
F24649-8	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-12-0604
F24649-9	06/05/04	16:04 GB	06/08/04	SO	Soil	C03D-5C-24-0604
F24649-10	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-06-0604
F24649-11	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-12-0604
F24649-12	06/06/04	09:04 GB	06/08/04	SO	Soil	C03D-01C-24-0604
F24649-13	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-01-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24649-14	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-02-0604
F24649-15	06/06/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-03-0604
F24649-16	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-06-0604
F24649-17	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-12-0604
F24649-18	06/06/04	10:32 GB	06/08/04	SO	Soil	C03D-02C-24-0604
F24649-19	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-06-0604
F24649-20	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-12-0604
F24649-21	06/06/04	14:20 GB	06/08/04	SO	Soil	C03D-03C-24-0604
F24649-22	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-06-0604
F24649-23	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-12-0604
F24649-24	06/06/04	15:01 GB	06/08/04	SO	Soil	C03D-04C-24-0604
F24649-25	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-06-0604
F24649-26	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-12-0604

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

Accutest Laboratories

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24649-27	06/07/04	09:55 GB	06/08/04	SO	Soil	C03D-16C-24-0604
F24649-28	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-06-0604
F24649-29	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-12-0604
F24649-30	06/07/04	10:55 GB	06/08/04	SO	Soil	C03D-12C-24-0604
F24649-31	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-06-0604
F24649-32	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-12-0604
F24649-32D	06/07/04	12:20 GB	06/08/04	SO	Soil Dup/MSD	C03D-08C-12-0604
F24649-32S	06/07/04	12:20 GB	06/08/04	SO	Soil Matrix Spike	C03D-08C-12-0604
F24649-33	06/07/04	12:20 GB	06/08/04	SO	Soil	C03D-08C-24-0604
F24649-33D	06/07/04	12:20 GB	06/08/04	SO	Soil Dup/MSD	C03D-08C-24-0604
F24649-33S	06/07/04	12:20 GB	06/08/04	SO	Soil Matrix Spike	C03D-08C-24-0604
F24649-34	06/07/04	15:25 GB	06/08/04	SO	Soil	C03D-15C-06-0604
F24649-35	06/07/04	15:45 GB	06/08/04	SO	Soil	C03D-15C-12-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24649

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24649-36	06/07/04	15:45 GB	06/08/04	SO	Soil	C03D-15C-24-0604
F24649-37	06/07/04	00:00 GB	06/08/04	SO	Soil	KW-DUP-04-0604
F24649-38	06/07/04	16:10 GB	06/08/04	SO	Soil	C03D-14C-06-0604
F24649-39	06/07/04	16:10 GB	06/08/04	SO	Soil	C03D-14C-12-0604
F24649-40	06/07/04	16:10 GB	06/08/04	SO	Soil	C03D-14C-24-0604

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

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3837 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	40000	40200	100.5	40000	40900	102.3	40000	40300	100.8
Antimony	2000	2010	100.5	2000	2040	102.0	2000	2060	103.0
Arsenic	2000	1940	97.0	2000	1990	99.5	2000	2030	101.5
Barium	2000	2040	102.0	2000	2060	103.0	2000	2040	102.0
Beryllium	2000	2040	102.0	2000	2090	104.5	2000	2090	104.5
Cadmium	2000	2050	102.5	2000	2100	105.0	2000	2120	106.0
Calcium	40000	41400	103.5	40000	42200	105.5	40000	42600	106.5
Chromium	2000	1960	98.0	2000	2000	100.0	2000	2010	100.5
Cobalt	2000	1990	99.5	2000	2040	102.0	2000	2060	103.0
Copper	2000	1910	95.5	2000	1940	97.0	2000	1920	96.0
Iron	40000	41200	103.0	40000	42100	105.3	40000	42300	105.8
Lead	2000	2020	101.0	2000	2060	103.0	2000	2080	104.0
Magnesium	40000	41000	102.5	40000	41900	104.8	40000	42300	105.8
Manganese	2000	2010	100.5	2000	2050	102.5	2000	2060	103.0
Molybdenum									
Nickel	2000	2050	102.5	2000	2100	105.0	2000	2130	106.5
Potassium	40000	38400	96.0	40000	38800	97.0	40000	38700	96.8
Selenium	2000	2030	101.5	2000	2090	104.5	2000	2120	106.0
Silver	250	251	100.4	250	254	101.6	250	251	100.4
Sodium	40000	39600	99.0	40000	40200	100.5	40000	40000	100.0
Thallium	2000	1860	93.0	2000	1910	95.5	2000	1920	96.0
Tin	2000	2020	101.0	2000	2070	103.5	2000	2110	105.5
Vanadium	2000	2030	101.5	2000	2070	103.5	2000	2070	103.5
Zinc	2000	2000	100.0	2000	2060	103.0	2000	2120	106.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3837 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	40000	40300	100.8	40000	40100	100.3	40000	39700	99.3
Antimony	2000	2010	100.5	2000	1990	99.5	2000	2000	100.0
Arsenic	2000	1950	97.5	2000	1920	96.0	2000	1940	97.0
Barium	2000	2030	101.5	2000	2040	102.0	2000	2010	100.5
Beryllium	2000	2060	103.0	2000	2040	102.0	2000	2040	102.0
Cadmium	2000	2060	103.0	2000	2040	102.0	2000	2050	102.5
Calcium	40000	41400	103.5	40000	40800	102.0	40000	41300	103.3
Chromium	2000	1980	99.0	2000	1950	97.5	2000	1950	97.5
Cobalt	2000	2000	100.0	2000	1970	98.5	2000	1990	99.5
Copper	2000	1910	95.5	2000	1910	95.5	2000	1890	94.5
Iron	40000	41300	103.3	40000	40700	101.8	40000	40900	102.3
Lead	2000	2030	101.5	2000	1990	99.5	2000	2020	101.0
Magnesium	40000	41000	102.5	40000	40400	101.0	40000	40800	102.0
Manganese	2000	2010	100.5	2000	1990	99.5	2000	1990	99.5
Molybdenum									
Nickel	2000	2060	103.0	2000	2030	101.5	2000	2060	103.0
Potassium	40000	38100	95.3	40000	38300	95.8	40000	37900	94.8
Selenium	2000	2040	102.0	2000	2020	101.0	2000	2050	102.5
Silver	250	252	100.8	250	251	100.4	250	249	99.6
Sodium	40000	39300	98.3	40000	39200	98.0	40000	39300	98.3
Thallium	2000	1860	93.0	2000	1840	92.0	2000	1860	93.0
Tin	2000	2030	101.5	2000	2000	100.0	2000	2030	101.5
Vanadium	2000	2030	101.5	2000	2020	101.0	2000	2010	100.5
Zinc	2000	2010	100.5	2000	1970	98.5	2000	2010	100.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3837 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	40000	40100	100.3	40000	40400	101.0	40000	40400	101.0
Antimony	2000	2040	102.0	2000	2040	102.0	2000	2060	103.0
Arsenic	2000	1990	99.5	2000	1990	99.5	2000	2030	101.5
Barium	2000	2040	102.0	2000	2050	102.5	2000	2050	102.5
Beryllium	2000	2070	103.5	2000	2060	103.0	2000	2060	103.0
Cadmium	2000	2090	104.5	2000	2060	103.0	2000	2090	104.5
Calcium	40000	41900	104.8	40000	41500	103.8	40000	42000	105.0
Chromium	2000	1980	99.0	2000	1970	98.5	2000	1980	99.0
Cobalt	2000	2030	101.5	2000	2020	101.0	2000	2040	102.0
Copper	2000	1910	95.5	2000	1930	96.5	2000	1930	96.5
Iron	40000	41600	104.0	40000	41300	103.3	40000	41700	104.3
Lead	2000	2050	102.5	2000	2040	102.0	2000	2050	102.5
Magnesium	40000	41600	104.0	40000	41300	103.3	40000	41800	104.5
Manganese	2000	2030	101.5	2000	2020	101.0	2000	2040	102.0
Molybdenum									
Nickel	2000	2100	105.0	2000	2090	104.5	2000	2110	105.5
Potassium	40000	38600	96.5	40000	39200	98.0	40000	39400	98.5
Selenium	2000	2090	104.5	2000	2070	103.5	2000	2110	105.5
Silver	250	252	100.8	250	251	100.4	250	252	100.8
Sodium	40000	39900	99.8	40000	40300	100.8	40000	40400	101.0
Thallium	2000	1890	94.5	2000	1890	94.5	2000	1920	96.0
Tin	2000	2070	103.5	2000	2050	102.5	2000	2080	104.0
Vanadium	2000	2040	102.0	2000	2040	102.0	2000	2050	102.5
Zinc	2000	2070	103.5	2000	2030	101.5	2000	2070	103.5

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3837 Units: ug/l

Metal	CCV True	CCV Results	% Rec
Aluminum	40000	40600	101.5
Antimony	2000	2080	104.0
Arsenic	2000	2080	104.0
Barium	2000	2050	102.5
Beryllium	2000	2090	104.5
Cadmium	2000	2130	106.5
Calcium	40000	42800	107.0
Chromium	2000	2010	100.5
Cobalt	2000	2080	104.0
Copper	2000	1930	96.5
Iron	40000	42400	106.0
Lead	2000	2080	104.0
Magnesium	40000	42600	106.5
Manganese	2000	2070	103.5
Molybdenum			
Nickel	2000	2150	107.5
Potassium	40000	39400	98.5
Selenium	2000	2140	107.0
Silver	250	252	100.8
Sodium	40000	40900	102.3
Thallium	2000	1940	97.0
Tin	2000	2130	106.5
Vanadium	2000	2070	103.5
Zinc	2000	2140	107.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA3838 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Mercury	3.0	3.0	100.0	3.0	2.9	96.7	3.0	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

6.2.2
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA3838 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Mercury	3.0	3.1	103.3	3.0	3.1	103.3	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

6.2.2
6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA3838 Units: ug/l

Metal	CCV True	CCV Results	% Rec
Mercury	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

6.2.2

6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	41400	103.5	40000	41600	104.0	40000	41500	103.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	40800	102.0	40000	40800	102.0	40000	39800	99.5
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	40900	102.3	40000	41500	103.8	40000	41300	103.3
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	41100	102.8	40000	41000	102.5	40000	42500	106.3
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum	anr								
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin	anr								
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.3.3

6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3844 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium	anr								
Calcium	40000	42700	106.8	40000	40800	102.0	40000	40400	101.0
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver	anr								
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3844 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium	anr								
Calcium	40000	40300	100.8	40000	42000	105.0	40000	42000	105.0
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver	anr								
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3844 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium	anr								
Calcium	40000	41700	104.3	40000	41000	102.5	40000	40800	102.0
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver	anr								
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3844 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Cadmium	anr								
Calcium	40000	40900	102.3	40000	40600	101.5	40000	39700	99.3
Chromium	anr								
Cobalt									
Copper									
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel									
Potassium	anr								
Selenium									
Silver	anr								
Sodium	anr								
Thallium									
Tin									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6765
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 06/09/04

Metal	RL	IDL	MB raw	final
Aluminum	20	.66	-0.85	<20
Antimony	6.0	.15	-0.39	<6.0
Arsenic	0.50	.28	-0.36	<0.50
Barium	20	.05	-0.057	<20
Beryllium	0.50	.03	-0.091	<0.50
Cadmium	0.40	.03	-0.082	<0.40
Calcium	500	.38	2.1	<500
Chromium	1.0	.04	-0.047	<1.0
Cobalt	5.0	.05	-0.076	<5.0
Copper	2.5	.044	-0.023	<2.5
Iron	10	.71	-1.0	<10
Lead	10	.12	0.051	<10
Magnesium	500	.99	-0.93	<500
Manganese	1.5	.016	-0.064	<1.5
Molybdenum	5.0	.075		
Nickel	4.0	.11	-0.087	<4.0
Potassium	500	1.4	1.3	<500
Selenium	10	.2	-0.049	<10
Silver	1.0	.06	0.019	<1.0
Sodium	500	15	1.8	<500
Thallium	1.0	.15	0.025	<1.0
Tin	5.0	.15	-0.098	<5.0
Vanadium	5.0	.047	-0.046	<5.0
Zinc	2.0	.059	0.0060	<2.0

Associated samples MP6765: F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19, F24649-32

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: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6766
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 06/09/04

Metal	RL	IDL	MB raw	final
Aluminum	20	.66	0.31	<20
Antimony	6.0	.15	-0.45	<6.0
Arsenic	0.50	.28	-0.21	<0.50
Barium	20	.05	-0.055	<20
Beryllium	0.50	.03	-0.047	<0.50
Cadmium	0.40	.03	-0.087	<0.40
Calcium	500	.38	53.5	<500
Chromium	1.0	.04	-0.076	<1.0
Cobalt	5.0	.05	-0.050	<5.0
Copper	2.5	.044	-0.057	<2.5
Iron	10	.71	0.32	<10
Lead	10	.12	0.066	<10
Magnesium	500	.99	-0.56	<500
Manganese	1.5	.016	-0.064	<1.5
Molybdenum	5.0	.075		
Nickel	4.0	.11	-0.077	<4.0
Potassium	500	1.4	-0.24	<500
Selenium	10	.2	-0.18	<10
Silver	1.0	.06	0.017	<1.0
Sodium	500	15	-9.9	<500
Thallium	1.0	.15	0.074	<1.0
Tin	5.0	.15	-0.045	<5.0
Vanadium	5.0	.047	-0.071	<5.0
Zinc	2.0	.059	0.042	<2.0

Associated samples MP6766: F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-33, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

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: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6769
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 06/10/04

Metal	RL	IDL	MB raw	final
Mercury	0.083	.0018	-0.0039	<0.083

Associated samples MP6769: F24649-1, F24649-2, F24649-3, F24649-4, F24649-5, F24649-6, F24649-7, F24649-8, F24649-9, F24649-10, F24649-11, F24649-12, F24649-13, F24649-14, F24649-15, F24649-16, F24649-17, F24649-18, F24649-19, F24649-32

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: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6770
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 06/10/04

Metal	RL	IDL	MB raw	final
Mercury	0.083	.0018	-0.0037	<0.083

Associated samples MP6770: F24649-20, F24649-21, F24649-22, F24649-23, F24649-24, F24649-25, F24649-26, F24649-27, F24649-28, F24649-29, F24649-30, F24649-31, F24649-33, F24649-34, F24649-35, F24649-36, F24649-37, F24649-38, F24649-39, F24649-40

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.8.1

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3837 Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	0.99	<200	13.7	<200	10.6	<200	-0.16	<200
Antimony	5.0	1.5	-1.8	<5.0	-3.5	<5.0	-3.6	<5.0	-2.2	<5.0
Arsenic	10	2.8	-2.0	<10	-1.2	<10	-0.39	<10	-0.64	<10
Barium	200	.5	-0.11	<200	-0.27	<200	-0.30	<200	-0.28	<200
Beryllium	4.0	.3	-0.13	<4.0	-0.27	<4.0	0.020	<4.0	-0.48	<4.0
Cadmium	5.0	.3	-0.24	<5.0	-0.45	<5.0	-0.46	<5.0	-0.54	<5.0
Calcium	1000	3.8	-0.34	<1000	6.2	<1000	4.0	<1000	1.0	<1000
Chromium	10	.4	-0.25	<10	-0.26	<10	-0.62	<10	-0.37	<10
Cobalt	50	.5	-0.27	<50	-0.39	<50	-0.20	<50	-0.41	<50
Copper	25	.44	0.20	<25	-0.30	<25	-0.36	<25	0.27	<25
Iron	300	7.1	0.050	<300	13.6	<300	15.3	<300	26.3	<300
Lead	5.0	1.2	1.6	<5.0	1.9	<5.0	0.42	<5.0	1.5	<5.0
Magnesium	5000	9.9	-2.4	<5000	4.7	<5000	-6.0	<5000	-5.1	<5000
Manganese	15	.16	-0.19	<15	-0.36	<15	-0.39	<15	-0.37	<15
Molybdenum	50	.75								
Nickel	40	1.1	-0.63	<40	-0.20	<40	-1.1	<40	-0.91	<40
Potassium	5000	14	6.8	<5000	2.9	<5000	3.0	<5000	3.3	<5000
Selenium	10	2	1.6	<10	1.1	<10	2.8	<10	-0.58	<10
Silver	10	.6	-0.35	<10	0.0	<10	-0.030	<10	0.040	<10
Sodium	5000	150	-66	<5000	-43	<5000	-90	<5000	-70	<5000
Thallium	10	1.5	1.2	<10	2.5	<10	1.7	<10	0.73	<10
Tin	50	1.5	-0.49	<50	1.0	<50	3.4	<50	2.9	<50
Vanadium	50	.47	-0.26	<50	-0.22	<50	-0.38	<50	-0.38	<50
Zinc	20	.59	-0.16	<20	-0.12	<20	-0.25	<20	-0.24	<20

(*) Outside of QC limits
(anr) Analyte not requested

6.1.2

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3837 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	2.5	<200	14.1	<200	16.5	<200	24.8	<200
Antimony	5.0	1.5	-3.6	<5.0	-2.3	<5.0	-4.2	<5.0	-3.4	<5.0
Arsenic	10	2.8	0.45	<10	1.2	<10	-1.3	<10	0.75	<10
Barium	200	.5	-0.27	<200	-0.22	<200	-0.33	<200	-0.13	<200
Beryllium	4.0	.3	-0.40	<4.0	-0.16	<4.0	-0.070	<4.0	0.010	<4.0
Cadmium	5.0	.3	-0.47	<5.0	-0.41	<5.0	-0.63	<5.0	-0.44	<5.0
Calcium	1000	3.8	53.6	<1000	86.2	<1000	52.9	<1000	70.0	<1000
Chromium	10	.4	-0.56	<10	-0.23	<10	-0.67	<10	-0.19	<10
Cobalt	50	.5	-0.36	<50	-0.40	<50	-0.64	<50	-0.29	<50
Copper	25	.44	0.060	<25	0.090	<25	-0.41	<25	-0.010	<25
Iron	300	7.1	14.9	<300	33.7	<300	30.6	<300	23.3	<300
Lead	5.0	1.2	0.12	<5.0	1.8	<5.0	1.8	<5.0	1.5	<5.0
Magnesium	5000	9.9	-6.5	<5000	-3.7	<5000	-6.1	<5000	-3.4	<5000
Manganese	15	.16	-0.37	<15	-0.30	<15	-0.35	<15	-0.29	<15
Molybdenum	50	.75								
Nickel	40	1.1	-0.66	<40	-0.71	<40	-0.71	<40	-0.91	<40
Potassium	5000	14	5.2	<5000	-14	<5000	7.8	<5000	4.7	<5000
Selenium	10	2	3.1	<10	2.0	<10	4.0	<10	1.5	<10
Silver	10	.6	-0.65	<10	-0.36	<10	0.050	<10	-0.38	<10
Sodium	5000	150	-87	<5000	-120	<5000	-260	<5000	-110	<5000
Thallium	10	1.5	3.3	<10	2.8	<10	2.6	<10	5.9	<10
Tin	50	1.5	3.9	<50	6.0	<50	3.8	<50	4.2	<50
Vanadium	50	.47	-0.41	<50	0.060	<50	-0.46	<50	0.050	<50
Zinc	20	.59	-0.35	<20	0.050	<20	-0.090	<20	-0.080	<20

(*) Outside of QC limits
(anr) Analyte not requested

6.1.2

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3837 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final
Aluminum	200	6.6	33.2	<200	33.7	<200
Antimony	5.0	1.5	-3.2	<5.0	-1.8	<5.0
Arsenic	10	2.8	0.44	<10	-0.26	<10
Barium	200	.5	-0.23	<200	-0.24	<200
Beryllium	4.0	.3	0.18	<4.0	0.28	<4.0
Cadmium	5.0	.3	-0.37	<5.0	-0.33	<5.0
Calcium	1000	3.8	72.3	<1000	74.2	<1000
Chromium	10	.4	-0.14	<10	-0.050	<10
Cobalt	50	.5	-0.29	<50	-0.42	<50
Copper	25	.44	0.15	<25	0.0	<25
Iron	300	7.1	36.7	<300	23.6	<300
Lead	5.0	1.2	0.72	<5.0	1.3	<5.0
Magnesium	5000	9.9	-0.23	<5000	-3.5	<5000
Manganese	15	.16	-0.27	<15	-0.32	<15
Molybdenum	50	.75				
Nickel	40	1.1	-0.45	<40	-1.1	<40
Potassium	5000	14	11.8	<5000	4.5	<5000
Selenium	10	2	1.7	<10	0.98	<10
Silver	10	.6	0.89	<10	-0.53	<10
Sodium	5000	150	24.1	<5000	-90	<5000
Thallium	10	1.5	4.2	<10	3.6	<10
Tin	50	1.5	4.2	<50	4.2	<50
Vanadium	50	.47	0.21	<50	-0.030	<50
Zinc	20	.59	0.17	<20	0.040	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA3838 Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Mercury	1.0	.022	-0.054	<1.0	-0.056	<1.0	-0.053	<1.0	-0.047	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

6.2.1

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA3838 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final
Mercury	1.0	.022	-0.047	<1.0	-0.042	<1.0	-0.048	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

6.2.1

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3841 Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr							
Antimony	5.0	1.5	anr							
Arsenic	10	2.8	anr							
Barium	200	.5	anr							
Beryllium	4.0	.3	anr							
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	-10	<1000	0.63	<1000	-7.6	<1000	-6.8	<1000
Chromium	10	.4	anr							
Cobalt	50	.5	anr							
Copper	25	.44	anr							
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75	anr							
Nickel	40	1.1	anr							
Potassium	5000	14	anr							
Selenium	10	2	anr							
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5	anr							
Tin	50	1.5	anr							
Vanadium	50	.47	anr							
Zinc	20	.59	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3841 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr							
Antimony	5.0	1.5	anr							
Arsenic	10	2.8	anr							
Barium	200	.5	anr							
Beryllium	4.0	.3	anr							
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	51.1	<1000	23.0	<1000	-6.9	<1000	-6.4	<1000
Chromium	10	.4	anr							
Cobalt	50	.5	anr							
Copper	25	.44	anr							
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75	anr							
Nickel	40	1.1	anr							
Potassium	5000	14	anr							
Selenium	10	2	anr							
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5	anr							
Tin	50	1.5	anr							
Vanadium	50	.47	anr							
Zinc	20	.59	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3841 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr							
Antimony	5.0	1.5	anr							
Arsenic	10	2.8	anr							
Barium	200	.5	anr							
Beryllium	4.0	.3	anr							
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	-19	<1000	-19	<1000	22.0	<1000	-20	<1000
Chromium	10	.4	anr							
Cobalt	50	.5	anr							
Copper	25	.44	anr							
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75	anr							
Nickel	40	1.1	anr							
Potassium	5000	14	anr							
Selenium	10	2	anr							
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5	anr							
Tin	50	1.5	anr							
Vanadium	50	.47	anr							
Zinc	20	.59	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3844 Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6								
Antimony	5.0	1.5								
Arsenic	10	2.8	anr							
Barium	200	.5								
Beryllium	4.0	.3								
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	-4.2	<1000	11.2	<1000	1.8	<1000	7.3	<1000
Chromium	10	.4	anr							
Cobalt	50	.5								
Copper	25	.44								
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75								
Nickel	40	1.1								
Potassium	5000	14	anr							
Selenium	10	2								
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5								
Tin	50	1.5								
Vanadium	50	.47								
Zinc	20	.59								

(*) Outside of QC limits
(anr) Analyte not requested

6.4.2

6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC
QC Limits: result < RL

Date Analyzed: 06/15/04
Run ID: MA3844

Methods: SW846 6010B
Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6								
Antimony	5.0	1.5								
Arsenic	10	2.8	anr							
Barium	200	.5								
Beryllium	4.0	.3								
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	8.3	<1000	17.1	<1000	55.9	<1000	24.5	<1000
Chromium	10	.4	anr							
Cobalt	50	.5								
Copper	25	.44								
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75								
Nickel	40	1.1								
Potassium	5000	14	anr							
Selenium	10	2								
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5								
Tin	50	1.5								
Vanadium	50	.47								
Zinc	20	.59								

(*) Outside of QC limits
(anr) Analyte not requested

6.4.2

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3844 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6								
Antimony	5.0	1.5								
Arsenic	10	2.8	anr							
Barium	200	.5								
Beryllium	4.0	.3								
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	15.2	<1000	25.3	<1000	25.6	<1000	22.8	<1000
Chromium	10	.4	anr							
Cobalt	50	.5								
Copper	25	.44								
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75								
Nickel	40	1.1								
Potassium	5000	14	anr							
Selenium	10	2								
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5								
Tin	50	1.5								
Vanadium	50	.47								
Zinc	20	.59								

(*) Outside of QC limits
(anr) Analyte not requested

Instrument Detection Limits

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: LEEMANHG2 Effective Date: 08/26/02

Analyte	IDL ug/l
Mercury	.022

The above applies to the following instrument runs:
MA3838

Instrument Detection Limits

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: TJATRACE1 Effective Date: 04/15/02

Analyte	IDL ug/l
Aluminum	6.6
Antimony	1.5
Arsenic	2.8
Barium	.5
Beryllium	.3
Cadmium	.3
Calcium	3.8
Chromium	.4
Cobalt	.5
Copper	.44
Iron	7.1
Lead	1.2
Magnesium	9.9
Manganese	.16
Molybdenum	.75
Nickel	1.1
Potassium	13.8
Selenium	2
Silver	.6
Sodium	145
Thallium	1.5
Tin	1.5
Vanadium	.47
Zinc	.59

The above applies to the following instrument runs:
MA3837,MA3841,MA3844

Instrument Linear Ranges

Job Number: F24649
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: TJATRACE1 Effective Date: 10/03/03

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	100000
Arsenic	50000
Barium	100000
Beryllium	50000
Cadmium	50000
Calcium	500000
Chromium	100000
Cobalt	100000
Copper	100000
Iron	1000000
Lead	100000
Magnesium	1000000
Manganese	50000
Molybdenum	100000
Nickel	100000
Potassium	1000000
Selenium	100000
Silver	1000
Sodium	250000
Thallium	100000
Tin	100000
Vanadium	100000
Zinc	100000

The above applies to the following instrument runs:
MA3837,MA3841,MA3844

MP 6765

Metals Digestion Log: Soil

Method of Digestion: SW846-3050B

Temp: 93° Thermometer ID 200

Balance ID 74007

Filter Lot 170051-010(

Dig.Tube Lot# A311LS162

	HNO_3	HCl	H_2O_2
Added:			
Mfg:	Fisher	Fisher	Fisher
Lot#	1103080	410310	627488 exp 6/9

Sample #	Wt., g	Fin. Vol.	Date	Comments	Spk.Sol.*	Amount Used*
MB 6/9/04	.50	50 mL	6/9/04		1 Acc 333	.25ml
SB	.50				2 Acc 338	1.0 ml
MS F24649-32.2	.50			QC requested	3 Mut 1203	.5ml
MSD	.51					
Dup	.51					
1 QC	.49					
2 F24649-1.1	.51			rocks		
3 2.1	.49			rocks		
4 3.1	.49					
5 4.1	.51					
6 5.1	.49					
7 6.1	.49					
8 7.1	.51			rocky		
9 8.1	.50			rocky		
10 9.1	.50			rocky		
11 10.1	.51					
12 11.1	.50					
13 12.1	.50					
14 13.1	.51					
15 14.1	.52					
16 15.1	.52					
17 16.1	.49					
18 17.1	.49					
19 18.1	.51					
20 19.1	.50					

Analyst [signature] Date 6/9/04

QC Review [signature] Date 6/9/04

Rev. 11/08/02 DJM

* Used For SB, MS, MSD

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MP 6766

Metals Digestion Log: Soil

Method of Digestion: SW846-3050B

Temp: 93° Thermometer ID 200

Balance ID 74007

Filter Lot 170051-0101

Dig.Tube Lot# A 311L5162

	HNO_3	HCl	H_2O_2
Added:			
Mfg:	Fisher	Fisher	Fisher
Lot#	1103080	4103101	027488

Sample #	Wt., g	Fin. Vol.	Date	Comments	Spk.Sol.*	Amount Used*
MB 6/9/04	.50	50 mL	6/9/04		1 Acc 883	.25ml
SB	.50				2 Acc 338	1.0ml
MS F24649-33.1	.50			qc requested	3 Met 1203	.5ml
MSD	.50					
Dup	.51					
1 QC	.52					
2 F24649-20.1	.50					
3 21.1	.51					
4 22.1	.49			roots		
5 23.1	.49					
6 24.1	.52					
7 25.1	.51			roots		
8 26.1	.49					
9 27.1	.49					
10 28.1	.50					
11 29.1	.51					
12 30.1	.50			rocky		
13 31.1	.51					
14 ~~32.1~~ 6/9 39.1	.51					
15 ~~33.1~~ 40.1	.51					
16 34.1	.52					
17 35.1	.52					
18 36.1	.49					
19 37.2	.50					
20 38.1	.51					

Analyst [signature] Date 6/9/04

QC Review [signature] Date 6/9/04

Rev. 11/08/02 DJM

* Used For SB, MS, MSD

Page Number: 0712

00 023

Mercury Digestion Log Water or Soil or TCLP
(circle one)

Method of Digestion: SW846-7470A/7471A/EPA245.1 (circle one)

Temp., C: 95

Analyst: SSL

Thermometer #: Mercury

Date/Time Started: 06/10/04 8:45 / 9:30

Date/Time Ended: 06/10/04 9:15 / 10:00

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 6769

Reagents Added	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	Fisher	Fisher	Fisher	Acros	Fisher	Acros	Acros
Lot#	1103080	4103101	N/A	MET1209	N/A	B0100590	MET1215
Dig.Tube Lot#	A311LS162						

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL	0.60		50	
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV				
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank				
Blank Spike				
MS F24649-32.2	0.61			
MSD	0.60			
Dup	0.61			
1 QC	0.60			
2 F24649-1.1	0.59			
3 -2.1	0.60			
4 -3.1	0.59			
5 -4.1	0.61			
6 -5.1	0.59			
7 -6.1	0.59			
8 -7.1	0.61			
9 -8.1	0.61			
10 -9.1	0.59			
11 -10.1	0.59			
12 -11.1	0.59			
13 -12.1	0.61			
14 -13.1	0.60			
15 -14.1	0.61			
16 -15.1	0.60			
17 -16.1	0.61			
18 -17.1	0.60			
19 -18.1	0.62			
20 -19.1	0.59			

Analysts Signature: Sherylee 06/10/04

Rev. Signature: O Metzger 6/11/04

10ppm int. met# 1211

10ppm 2nd met# 1212

100ppb(curve,bs,ms,msd,cri,ccv)met# 1213

100ppb 2nd(ICV) met# 1214

0715

Rev. 1/06/04 DM

Mercury Digestion Log Water or Soil or TCLP
(circle one)

Method of Digestion: SW846-7470A/7471A/EPA245.1 (circle one)

Temp., C: 95

Analyst: SSL

Thermometer #: Mercury

Date/Time Started: 06/10/04 11:30

Date/Time Ended: 06/10/04 12:00

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours.

MP# 6770

Reagents Added	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	Fisher	Fisher	Fisher	Acros	Fisher	Acros	Acros
Lot#	1103080	410 3101	N/A	MET1209	N/A	B0106590	MET1215
Dig.Tube Lot#	A311LS162						

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL				
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV		SSL 06/10/04		
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank	0.600		50	
Blank Spike	↓			
MS F24649-33.1	0.61			
MSD	0.61			
Dup	0.600			
1QC	0.606			
2 F24649-20.1	0.61			
3 -21.1	0.600			
4 -22.1	0.60			
5 -23.1	0.600			
6 -24.1	0.59			
7 -25.1	0.59			
8 -26.1	0.61			
9 -27.1	0.61			
10 -28.1	0.600			
11 -29.1	0.606			
12 -30.1	0.61			
13 -31.1	0.606			
14 -34.2	0.62			
15 SSL 06/10/04 -35.1	0.61			
16 -36.1	0.59			
17 -37.2	0.61			
18 -38.1	0.61			
19 -39.1	0.59			
20 -40.2	0.59			

Analysts Signature: Shenyle 06/10/04

Rev. Signature: D. Nitzgen 6/11/04

10ppm int. met# 1211

10ppm 2nd met# 1212

100ppb(curve,bs,ms,msd,cri,ccv)met# 1213

100ppb 2nd(ICV) met# 1214

0716

Rev. 1/06/04 DM

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3837
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
08:52	MA3837-ICV1	1		
08:55	MA3837-ICB1	1		
08:58	MA3837-CRI1	1		
09:01	MA3837-ICSA1	1		
09:04	MA3837-ICSAB1	1		
09:06	MA3837-CCV1	1		
09:11	MA3837-CCB1	1		
09:14	MP6764-MB1	1		
09:21	MP6764-B1	1		
09:26	F24641-1	1		(sample used for QC only; not part of login F24649)
09:30	MP6764-D1	1		
09:33	MP6764-SD1	5		
09:37	MP6764-S1	1		
09:41	MP6764-S2	1		
09:45	ZZZZZZ	1		
09:48	ZZZZZZ	1		
09:52	ZZZZZZ	1		
09:56	MA3837-CCV2	1		
10:00	MA3837-CCB2	1		
10:07	ZZZZZZ	1		
10:11	ZZZZZZ	1		
10:14	ZZZZZZ	1		
10:18	ZZZZZZ	1		
10:22	ZZZZZZ	1		
10:25	ZZZZZZ	1		
10:29	ZZZZZZ	1		
10:32	ZZZZZZ	1		
10:36	ZZZZZZ	1		
10:39	ZZZZZZ	1		
10:43	MA3837-CCV3	1		
10:47	MA3837-CCB3	1		
10:51	ZZZZZZ	1		
10:54	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3837
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
10:58	ZZZZZZ	1		
11:01	ZZZZZZ	1		
11:05	ZZZZZZ	1		
11:08	MP6764-MB2	1		
11:12	MP6765-MB1	1		
11:15	MP6765-B1	1		
11:20	F24649-32	1		
11:23	MP6765-D1	1		
11:27	MA3837-CCV4	1		
11:31	MA3837-CCB4	1		
11:35	MP6765-SD1	5		
11:38	MP6765-S1	1		
11:42	MP6765-S2	1		
11:46	F24649-1	1		
11:50	F24649-2	1		
11:53	F24649-3	1		
11:57	F24649-4	1		
12:00	F24649-5	1		
12:04	F24649-6	1		
12:08	F24649-7	1		
12:11	MA3837-CCV5	1		
12:16	MA3837-CCB5	1		
12:19	F24649-8	1		
12:23	F24649-9	1		
12:26	F24649-10	1		
12:30	F24649-11	1		
12:33	F24649-12	1		
12:37	F24649-13	1		
12:40	F24649-14	1		
12:44	F24649-15	1		
12:47	F24649-16	1		
12:51	F24649-17	1		
12:54	MA3837-CCV6	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3837
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
12:59	MA3837-CCB6	1		
13:02	F24649-18	1		
13:06	F24649-19	1		
13:09	MP6766-MB1	1		
13:13	MP6766-B1	1		
13:18	F24649-33	1		
13:22	MP6766-D1	1		
13:25	MP6766-SD1	5		
13:29	MP6766-S1	1		
13:32	MP6766-S2	1		
13:37	F24649-20	1		
13:40	MA3837-CCV7	1		
13:45	MA3837-CCB7	1		
13:48	F24649-21	1		
13:52	F24649-22	1		
13:55	F24649-23	1		
13:59	F24649-24	1		
14:03	F24649-25	1		
14:06	F24649-26	1		
14:10	F24649-27	1		
14:13	F24649-28	1		
14:17	F24649-29	1		
14:20	F24649-30	1		
14:24	MA3837-CCV8	1		
14:28	MA3837-CCB8	1		
14:32	F24649-31	1		
14:35	F24649-39	1		
14:39	F24649-40	1		
14:42	F24649-34	1		
14:46	F24649-35	1		
14:49	F24649-36	1		
14:53	F24649-37	1		
14:56	F24649-38	1		

----------> Last reportable sample/prep for job F24649

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061004.ASC Date Analyzed: 06/10/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3837
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
15:00	MA3837-CCV9	1		
15:04	MA3837-CCB9	1		

----------> Last reportable CCB for job F24649
Refer to raw data for calibration curve and standards.

6.1

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
Analyst: SM Run ID: MA3838
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:43	MA3838-ICV1	1		
10:45	MA3838-ICB1	1		
10:48	MA3838-CRI1	1		
10:50	MA3838-CCV1	1		
10:52	MA3838-CCB1	1		
10:54	MP6769-MB1	1		
10:56	MP6769-B1	1		
10:57	F24649-32	1		
10:59	MP6769-D1	1		
11:01	MP6769-S1	1		
11:03	MP6769-S2	1		
11:05	F24649-1	1		
11:07	F24649-2	1		
11:09	F24649-3	1		
11:11	F24649-4	1		
11:13	MA3838-CCV2	1		
11:15	MA3838-CCB2	1		
11:16	F24649-5	1		
11:18	F24649-6	1		
11:20	F24649-7	1		
11:22	F24649-8	1		
11:25	F24649-9	1		
11:27	F24649-10	1		
11:28	F24649-11	1		
11:31	F24649-12	1		
11:33	F24649-13	1		
11:35	F24649-14	1		
11:36	MA3838-CCV3	1		
11:38	MA3838-CCB3	1		
11:40	F24649-15	1		
11:42	F24649-16	1		
11:43	F24649-17	1		
11:45	F24649-18	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611S1.PRN Date Analyzed: 06/11/04 Methods: SW846 7471A
Analyst: SM Run ID: MA3838
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:47	F24649-19	1		
11:49	MP6770-MB1	1		
11:51	MP6770-B1	1		
11:53	F24649-33	1		
11:55	MP6770-D1	1		
11:56	MP6770-S1	1		
11:59	MA3838-CCV4	1		
12:01	MA3838-CCB4	1		
12:03	MP6770-S2	1		
12:04	F24649-20	1		
12:07	F24649-21	1		
12:10	F24649-22	1		
12:12	F24649-23	1		
12:14	F24649-24	1		
12:15	F24649-25	1		
12:18	F24649-26	1		
12:19	F24649-27	1		
12:22	F24649-28	1		
12:24	MA3838-CCV5	1		
12:26	MA3838-CCB5	1		
12:28	F24649-29	1		
12:30	F24649-30	1		
12:31	F24649-31	1		
12:33	F24649-34	1		
12:35	F24649-35	1		
12:37	F24649-36	1		
12:39	F24649-37	1		
12:42	F24649-38	1		
12:44	F24649-39	1		
12:46	F24649-40	1		
---------->	Last reportable sample/prep for job F24649			
12:48	MA3838-CCV6	1		
12:50	MA3838-CCB6	1		
---------->	Last reportable CCB for job F24649			

Refer to raw data for calibration curve and standards.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:07	MA3841-ICV1	1		
09:10	MA3841-ICB1	1		
09:12	MA3841-CRI1	1		
09:16	MA3841-ICSA1	1		
09:19	MA3841-ICSAB1	1		
09:22	MA3841-CCV1	1		
09:27	MA3841-CCB1	1		
09:30	MP6774-MB1	1		
09:34	MP6774-B1	1		
09:39	F24542-1	1		(sample used for QC only; not part of login F24649)
09:42	MP6774-D1	1		
09:46	MP6774-SD1	5		
09:49	MP6774-S1	1		
09:53	MP6774-S2	1		
09:57	ZZZZZZ	1		
10:01	ZZZZZZ	1		
10:04	ZZZZZZ	1		
10:08	MA3841-CCV2	1		
10:12	MA3841-CCB2	1		
10:21	ZZZZZZ	1		
10:24	ZZZZZZ	1		
10:28	ZZZZZZ	1		
10:31	ZZZZZZ	1		
10:35	ZZZZZZ	1		
10:38	ZZZZZZ	1		
10:42	ZZZZZZ	1		
10:45	ZZZZZZ	1		
10:49	ZZZZZZ	1		
10:52	ZZZZZZ	1		
10:56	MA3841-CCV3	1		
11:00	MA3841-CCB3	1		
11:04	ZZZZZZ	1		
11:07	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:11	ZZZZZZ	1		
11:14	ZZZZZZ	1		
11:18	ZZZZZZ	1		
11:21	MP6775-MB1	1		
11:25	MP6775-B1	1		
11:30	F24685-6	1		(sample used for QC only; not part of login F24649)
11:34	MP6775-D1	1		
11:37	MP6775-SD1	5		
11:41	MA3841-CCV4	1		
11:45	MA3841-CCB4	1		
11:49	MP6775-S1	1		
11:52	MP6775-S2	1		
11:57	ZZZZZZ	1		
12:00	ZZZZZZ	1		
12:04	ZZZZZZ	1		
12:07	ZZZZZZ	1		
12:11	ZZZZZZ	1		
12:14	ZZZZZZ	1		
12:18	ZZZZZZ	1		
12:22	ZZZZZZ	1		
12:29	MA3841-CCV5	1		
12:34	MA3841-CCB5	1		
12:37	ZZZZZZ	1		
12:41	ZZZZZZ	1		
12:45	ZZZZZZ	1		
12:48	ZZZZZZ	1		
12:52	ZZZZZZ	1		
12:55	ZZZZZZ	1		
12:59	ZZZZZZ	1		
13:02	ZZZZZZ	1		
13:06	ZZZZZZ	1		
13:09	ZZZZZZ	1		
13:13	MA3841-CCV6	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:17	MA3841-CCB6	1		
13:21	MP6776-MB1	1		
13:24	MP6776-B1	1		
13:30	F24694-2	1		(sample used for QC only; not part of login F24649)
13:33	MP6776-D1	1		
13:37	MP6776-SD1	5		
13:40	MP6776-S1	1		
13:44	MP6776-S2	1		
13:48	ZZZZZZ	1		
13:52	ZZZZZZ	1		
13:55	ZZZZZZ	1		
13:59	MA3841-CCV7	1		
14:03	MA3841-CCB7	1		
14:07	ZZZZZZ	1		
14:10	ZZZZZZ	1		
14:14	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:21	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:28	ZZZZZZ	1		
14:32	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:42	MA3841-CCV8	1		
14:47	MA3841-CCB8	1		
14:50	ZZZZZZ	1		
14:54	ZZZZZZ	1		
14:57	ZZZZZZ	1		
15:01	ZZZZZZ	1		
15:05	MA3841-CRI2	1		
15:09	MA3841-CCV9	1		
15:13	MA3841-CCB9	1		
15:27	ZZZZZZ	40		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:30	F24649-1	10		
15:34	F24649-2	10		
15:37	F24649-3	10		
15:40	F24649-4	10		
15:43	F24649-5	10		
15:46	F24649-6	10		
15:49	F24649-7	10		
15:53	MA3841-CCV10	1		
15:56	MA3841-CCB10	1		
15:59	F24649-8	10		
16:02	F24649-9	10		
16:05	F24649-10	10		
16:08	F24649-11	10		
16:11	F24649-12	10		
16:15	F24649-13	10		
16:18	F24649-14	10		

----------> Last reportable sample/prep for job F24649

08:52	MA3841-CCV11	1		
08:55	MA3841-CCB11	1		

----------> Last reportable CCB for job F24649
Refer to raw data for calibration curve and standards.

ACCUTEST Laboratories

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3844
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
10:56	MA3844-ICV1	1		
10:59	MA3844-ICB1	1		
11:02	MA3844-CRI1	1		
11:08	MA3844-ICSA1	1		
11:10	MA3844-ICSAB1	1		
11:16	MA3844-CCV1	1		
11:19	MA3844-CCB1	1		
11:23	MP6778-MB1	1		
11:26	MP6778-B1	1		
11:32	F24597-1	1		(sample used for QC only; not part of login F24649)
11:35	MP6778-D1	1		
11:38	MP6778-SD1	5		
11:41	MP6778-S1	1		
11:45	MP6778-S2	1		
11:49	ZZZZZZ	1		
11:53	ZZZZZZ	1		
11:56	ZZZZZZ	1		
12:04	MA3844-CCV2	1		
12:08	MA3844-CCB2	1		
12:11	ZZZZZZ	1		
12:14	ZZZZZZ	1		
12:18	ZZZZZZ	1		
12:21	ZZZZZZ	1		
12:24	ZZZZZZ	1		
12:27	ZZZZZZ	1		
12:30	ZZZZZZ	1		
12:34	ZZZZZZ	1		
12:37	ZZZZZZ	1		
12:40	ZZZZZZ	1		
12:43	MA3844-CCV3	1		
12:56	MA3844-CCB3	1		
13:13	ZZZZZZ	1		
13:16	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3844
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:20	ZZZZZZ	1		
13:23	ZZZZZZ	1		
13:26	MP6780-MB1	1		
13:29	MP6780-B1	1		
13:35	F24773-1	1		(sample used for QC only; not part of login F24649)
13:38	MP6780-D1	1		
13:41	MP6780-SD1	5		
13:44	MP6780-S1	1		
13:48	MA3844-CCV4	1		
13:52	MA3844-CCB4	1		
13:55	MP6780-S2	1		
13:59	ZZZZZZ	1		
14:02	ZZZZZZ	1		
14:06	ZZZZZZ	1		
14:09	ZZZZZZ	1		
14:12	ZZZZZZ	1		
14:15	ZZZZZZ	1		
14:18	ZZZZZZ	1		
14:21	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:28	MA3844-CCV5	1		
14:32	MA3844-CCB5	1		
14:35	ZZZZZZ	1		
14:38	ZZZZZZ	1		
14:41	ZZZZZZ	1		
14:44	ZZZZZZ	1		
14:47	ZZZZZZ	1		
14:50	ZZZZZZ	1		
14:53	MP6781-MB1	1		
14:57	MP6781-B1	1		
15:02	F24747-1	1		(sample used for QC only; not part of login F24649)
15:06	MP6781-D1	1		
15:09	MA3844-CCV6	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3844
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:13	MA3844-CCB6	1		
15:16	MP6781-SD1	5		
15:19	MP6781-S1	1		
15:22	MP6781-S2	1		
15:26	ZZZZZZ	1		
15:29	ZZZZZZ	1		
15:32	ZZZZZZ	1		
15:36	ZZZZZZ	1		
15:39	ZZZZZZ	1		
15:42	ZZZZZZ	1		
15:45	ZZZZZZ	1		
15:51	MA3844-CCV7	1		
15:55	MA3844-CCB7	1		
15:58	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:05	ZZZZZZ	1		
16:08	ZZZZZZ	1		
16:11	ZZZZZZ	1		
16:14	ZZZZZZ	1		
16:17	ZZZZZZ	1		
16:20	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:27	MA3844-CRI2	1		
16:30	MA3844-CCV8	1		
16:35	MA3844-CCB8	1		
16:38	F24649-15	10		
16:41	F24649-16	10		
16:44	F24649-17	10		
16:47	F24649-18	10		
16:50	F24649-19	10		
16:53	F24649-20	10		
16:56	F24649-21	10		
17:00	F24649-22	10		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24649
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061505.ASC Date Analyzed: 06/15/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3844
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:03	F24649-23	10		
17:06	F24649-24	10		
17:09	MA3844-CCV9	1		
17:13	MA3844-CCB9	1		
17:16	F24649-25	10		
17:19	F24649-26	10		
17:22	F24649-27	10		
17:26	F24649-28	10		
17:29	F24649-29	10		
17:32	F24649-30	10		
17:35	F24649-31	10		
17:38	F24649-32	10		
17:41	F24649-33	10		
17:44	F24649-34	10		
17:47	MA3844-CCV10	1		
17:52	MA3844-CCB10	1		
17:55	F24649-35	10		
17:58	F24649-36	10		
18:01	F24649-37	10		
18:04	F24649-38	10		
18:07	F24649-39	10		
18:10	F24649-40	10		
---------->	Last reportable sample/prep for job F24649			
18:13	MA3844-CCV11	1		
18:17	MA3844-CCB11	1		
---------->	Last reportable CCB for job F24649			

Refer to raw data for calibration curve and standards.

FIELD DUPLICATE PRECISION

ANALYTE	KW-DUP-01-0604	C03D-01C-06-0604	RPD	DIFFERENCE
Aluminum	659	588	11.39	71
Antimony	.15U	.15U	#VALUE!	#VALUE!
Arsenic	1.2	1.3	8.00	0.1
Barium	6.7	6.7	0.00	0
Beryllium	0.066	0.057	14.63	0.009
Cadmium	.03U	.03U	#VALUE!	#VALUE!
Calcium	232000	231000	0.43	1000
Chromium	5.3	5.9	10.71	0.6
Cobalt	0.16	0.14	13.33	0.02
Copper	0.6	1.7	95.65 OK	1.1
Iron	494	519	4.94	25
Lead	0.75	10.6	173.57 OK	9.85
Magnesium	1510	1580	4.53	70
Manganese	21.8	22.3	2.27	0.5
Mercury	0.0079	0.016	67.78 OK	0.0081
Nickel	0.99	1.9	62.98 OK	0.91
Potassium	123	109	12.07	14
Selenium	20U	20U	#VALUE!	#VALUE!
Silver	.061U	.061U	#VALUE!	#VALUE!
Sodium	256	264	3.08	8
Thallium	.15U	.15U	#VALUE!	#VALUE!
Tin	2.8	2.9	3.51	0.1
Vanadium	5.2	4.7	10.10	0.5
Zinc	1	3.5	111.11 OK	2.5

ANALYTE	KW-DUP-02-0604	C03D-01C-12-0604	RPD	DIFFERENCE
Aluminum	526	556	5.55	30
Antimony	.15U	.16U	#VALUE!	#VALUE!
Arsenic	1.5	1.5	0.00	0
Barium	6.1	6.4	4.80	0.3
Beryllium	0.035	0.041	15.79	0.006
Cadmium	.03U	0.3	#VALUE!	#VALUE!
Calcium	249000	242000	2.85	7000
Chromium	4.8	5.2	8.00	0.4
Cobalt	0.16	0.16	0.00	0
Copper	0.81	0.57	34.78	0.24
Iron	449	485	7.71	36
Lead	3.2	0.74	124.87 OK	2.46
Magnesium	1520	1580	3.87	60
Manganese	20.4	21.8	6.64	1.4
Mercury	0.0087	0.013	39.63	0.0043
Nickel	0.87	0.86	1.16	0.01
Potassium	100	106	5.83	6
Selenium	20U	21U	#VALUE!	#VALUE!
Silver	.061U	0.094	#VALUE!	#VALUE!
Sodium	303	248	19.96	55
Thallium	.15U	.16U	#VALUE!	#VALUE!
Tin	3	2.9	3.39	0.1
Vanadium	4.4	4.7	6.59	0.3
Zinc	1.1	0.95	14.63	0.15

ANALYTE	KW-DUP-03-0604	C03D-01C-24-0604	RPD	DIFFERENCE
Aluminum	572	579	1.22	7
Antimony	.15U	.16U	#VALUE!	#VALUE!
Arsenic	1.2	1.1	8.70	0.1
Barium	7.7	6.3	20.00	1.4
Beryllium	0.057	0.049	15.09	0.008
Cadmium	0.14	.031U	#VALUE!	#VALUE!
Calcium	227000	231000	1.75	4000
Chromium	5.2	5	3.92	0.2
Cobalt	0.13	0.15	14.29	0.02
Copper	4.5	1.9	81.25	2.6
Iron	712	540	27.48	172
Lead	20.1	26.8	28.57	6.7
Magnesium	1520	1490	1.99	30
Manganese	22.3	21.4	4.12	0.9
Mercury	0.011	0.012	8.70	0.001
Nickel	1.1	0.94	15.69	0.16
Potassium	109	112	2.71	3
Selenium	20U	21U	#VALUE!	#VALUE!
Silver	.059U	0.12	#VALUE!	#VALUE!
Sodium	258	275	6.38	17
Thallium	.15U	.16U	#VALUE!	#VALUE!
Tin	2.7	2.8	3.64	0.1
Vanadium	4.9	4.9	0.00	0
Zinc	19.2	7.1	92.02	12.1

ANALYTE	KW-DUP-04-0604	C03D-15C-12-0604	RPD	DIFFERENCE
Aluminum	621	632	1.76	11
Antimony	.16U	.15U	#VALUE!	#VALUE!
Arsenic	1.6	1.8	11.76	0.2
Barium	6.3	6.5	3.13	0.2
Beryllium	0.074	0.073	1.36	0.001
Cadmium	.031U	.03U	#VALUE!	#VALUE!
Calcium	262000	271000	3.38	9000
Chromium	4.3	4.4	2.30	0.1
Cobalt	0.16	0.12	28.57	0.04
Copper	0.6	0.48	22.22	0.12
Iron	525	523	0.38	2
Lead	1.9	0.49	117.99	1.41
Magnesium	1900	1970	3.62	70
Manganese	24.8	25.6	3.17	0.8
Mercury	0.0027	0.0021	25.00	0.0006
Nickel	0.89	0.89	0.00	0
Potassium	107	108	0.93	1
Selenium	21U	20U	#VALUE!	#VALUE!
Silver	.063U	.06U	#VALUE!	#VALUE!
Sodium	200	188	6.19	12
Thallium	.16U	.15U	#VALUE!	#VALUE!
Tin	3.2	3.3	3.08	0.1
Vanadium	5	5	0.00	0
Zinc	0.75	0.63	17.39	0.12

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**JUNE 29, 2004**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SVOA/PCB**
CTO 349, NAS KEY WEST
SDG F24685

SAMPLES: 1/Aqueous

KWRB060804

13/Solid

C03D-06C-06-0604	C03D-06C-12-0604	C03D-06C-24-0604
C03D-07C-06-0604	C03D-07C-12-0604	C03D-07C-24-0604
C03D-10C-06-0604	C03D-10C-12-0604	C03D-10C-24-0604
C03D-11C-06-0604	C03D-11C-12-0604	C03D-11C-24-0604
KW-DUP-05-0604		

OVERVIEW

The sample set for CTO 349 NAS Key West, SDG 24685 consists of one (1) rinse blank and thirteen (13) solid environmental samples. All samples were analyzed for TCL semivolatile organic compounds (SVOA) and polychlorinated biphenyls (PCBs), except sample KW-DUP-05-0604, which was analyzed for PCBs only. One field duplicate was associated with this SDG: KW-DUP-05-0604 / C03D-07C-24-0604.

The samples were collected by TetraTech NUS on June 8, 2004 and analyzed by Accutest Laboratories. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Method 8270C and 8082 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 Spikes
* • Surrogate Recoveries
• Field Duplicates
• 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.

Semivolatiles

The laboratory detection limit was greater than the soil action level defined in the laboratory specification for

dibenzo (a,h) anthracene and N-nitroso-di-n-propylamine. No action was taken on this basis.

The matrix spike / matrix spike duplicate (MS/MSD) associated with the rinse blank had a percent recovery greater than the quality control limit for pyrene. In addition, the relative percent difference was outside of criterion for 3,3'-dichlorobenzidine. No action was taken on this basis.

PCBs

Field duplicate imprecision (RPD > 50%) was noted for Aroclor-1260 in the KW-DUP-05-0604 / C03D-07C-24-0604 sample pair. Positive results reported for Aroclor-1260 were qualified as estimated, "J" in this sample pair only.

The MS/MSD performed on sample C03D-10C-24-0604 had percent recovery less than the quality control limit for Aroclor-1260 in the MS. No action was taken on this basis.

Samples C03D-06C-06-0604, C03D-06C-12-0604, C03D-06C-24-0604 C03D-10C-06-0604, C03D-10C-12-0604, C03D-10C-24-0604, C03D-07C-06-0604, C03D-07C-12-0604, C03D-07C-24-0604, and C03D-11C-06-0604 analyzed for PCBs required dilutions due to high concentrations of Aroclor-1254 and/or Aroclor-1260. The dilutions resulted in elevated detection limits for the non-detected PCBs.

Additional Comments:

The case narrative was missing from the data package. No action was taken on this basis.

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

Aroclor-1254 and Aroclor-1260 were reported in sample C03D-06C-12-0604. The laboratory estimated the results due to overlapping Aroclor patterns.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Detection limits for dibenzo (a,h) anthracene and N-nitroso-di-n-propylamine were greater than defined in the laboratory specification.

Other Factors Affecting Data Quality: One SVOA and one PCB had percent recoveries outside of the criteria limits. Field duplicate imprecision was noted for Aroclor-1260.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). 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 NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

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

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % 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 (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.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 less than sample activity

PROJ_NO: 0693

SDG: F24685 MEDIA: WATER DATA FRACTION: OS

nsample	KWRB060804
samp_date	6/8/2004
lab_id	F24685-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,4,5-TRICHLOROPHENOL	2.1	U	
2,4,6-TRICHLOROPHENOL	2.1	U	
2,4-DICHLOROPHENOL	2.1	U	
2,4-DIMETHYLPHENOL	2.1	U	
2,4-DINITROPHENOL	10	U	
2,4-DINITROTOLUENE	2.1	U	
2,6-DINITROTOLUENE	2.1	U	
2-CHLORONAPHTHALENE	1	U	
2-CHLOROPHENOL	2.1	U	
2-METHYLNAPHTHALENE	1	U	
2-METHYLPHENOL	2.1	U	
2-NITROANILINE	2.1	U	
2-NITROPHENOL	2.1	U	
3&4-METHYLPHENOL	2.1	U	
3,3'-DICHLOROBENZIDINE	5.2	U	
3-NITROANILINE	2.1	U	
4,6-DINITRO-2-METHYLPHENOL	5.2	U	
4-BROMOPHENYL PHENYL ETHER	1	U	
4-CHLORO-3-METHYLPHENOL	2.1	U	
4-CHLOROANILINE	3.1	U	
4-CHLOROPHENYL PHENYL ETHER	1	U	
4-NITROANILINE	2.1	U	
4-NITROPHENOL	10	U	
ACENAPHTHENE	1	U	
ACENAPHTHYLENE	1	U	
ANTHRACENE	1	U	
BENZO(A)ANTHRACENE	1	U	
BENZO(A)PYRENE	1	U	

nsample	KWRB060804
samp_date	6/8/2004
lab_id	F24685-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	1	U	
BENZO(G,H,I)PERYLENE	2.1	U	
BENZO(K)FLUORANTHENE	1	U	
BIS(2-CHLOROETHOXY)METHANE	1	U	
BIS(2-CHLOROETHYL)ETHER	2.1	U	
BIS(2-ETHYLHEXYL)PHTHALATE	2.6	U	
BUTYL BENZYL PHTHALATE	2.1	U	
CARBAZOLE	1	U	
CHRYSENE	1	U	
DIBENZO(A,H)ANTHRACENE	2.1	U	
DIBENZOFURAN	1	U	
DIETHYL PHTHALATE	2.1	U	
DIMETHYL PHTHALATE	2.1	U	
DI-N-BUTYL PHTHALATE	2.1	U	
DI-N-OCTYL PHTHALATE	2.6	U	
FLUORANTHENE	1	U	
FLUORENE	1	U	
HEXACHLOROBENZENE	1	U	
HEXACHLOROBUTADIENE	2.1	U	
HEXACHLOROCYCLOPENTADIENE	2.1	U	
HEXACHLOROETHANE	2.1	U	
INDENO(1,2,3-CD)PYRENE	2.1	U	
ISOPHORONE	1	U	
NAPHTHALENE	1	U	
NITROBENZENE	1	U	
N-NITROSO-DI-N-PROPYLAMINE	2.1	U	
N-NITROSODIPHENYLAMINE	2.1	U	
PENTACHLOROPHENOL	10	U	
PHENANTHRENE	1	U	
PHENOL	2.1	U	
PYRENE	1	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-06C-06-0604
samp_date	6/8/2004
lab_id	F24685-1
qc_type	NM
units	UG/KG
Pct_Solids	97.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	33	U	
1,2-DICHLOROBENZENE	33	U	
1,3-DICHLOROBENZENE	33	U	
1,4-DICHLOROBENZENE	33	U	
2,4,5-TRICHLOROPHENOL	33	U	
2,4,6-TRICHLOROPHENOL	33	U	
2,4-DICHLOROPHENOL	33	U	
2,4-DIMETHYLPHENOL	33	U	
2,4-DINITROPHENOL	330	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	33	U	
2-CHLOROPHENOL	33	U	
2-METHYLNAPHTHALENE	33	U	
2-METHYLPHENOL	33	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	33	U	
3&4-METHYLPHENOL	33	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	33	U	
4-CHLORO-3-METHYLPHENOL	33	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	33	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	330	U	
ACENAPHTHENE	33	U	
ACENAPHTHYLENE	33	U	
ANTHRACENE	33	U	
BENZO(A)ANTHRACENE	33	U	
BENZO(A)PYRENE	33	U	

nsample	C03D-06C-06-0604
samp_date	6/8/2004
lab_id	F24685-1
qc_type	NM
units	UG/KG
Pct_Solids	97.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	33	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	33	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	33	U	
CHRYSENE	33	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	33	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	33	U	
FLUORENE	33	U	
HEXACHLOROBENZENE	33	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	33	U	
NAPHTHALENE	33	U	
NITROBENZENE	33	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	33	U	
PENTACHLOROPHENOL	330	U	
PHENANTHRENE	33	U	
PHENOL	33	U	
PYRENE	67	U	

nsample	C03D-06C-12-0604
samp_date	6/8/2004
lab_id	F24685-2
qc_type	NM
units	UG/KG
Pct_Solids	95.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-06C-12-0604
samp_date	6/8/2004
lab_id	F24685-2
qc_type	NM
units	UG/KG
Pct_Solids	95.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-06C-24-0604
samp_date	6/8/2004
lab_id	F24685-3
qc_type	NM
units	UG/KG
Pct_Solids	85.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	39	U	
1,2-DICHLOROBENZENE	39	U	
1,3-DICHLOROBENZENE	39	U	
1,4-DICHLOROBENZENE	39	U	
2,4,5-TRICHLOROPHENOL	39	U	
2,4,6-TRICHLOROPHENOL	39	U	
2,4-DICHLOROPHENOL	39	U	
2,4-DIMETHYLPHENOL	39	U	
2,4-DINITROPHENOL	390	U	
2,4-DINITROTOLUENE	77	U	
2,6-DINITROTOLUENE	77	U	
2-CHLORONAPHTHALENE	39	U	
2-CHLOROPHENOL	39	U	
2-METHYLNAPHTHALENE	39	U	
2-METHYLPHENOL	39	U	
2-NITROANILINE	97	U	
2-NITROPHENOL	39	U	
3&4-METHYLPHENOL	39	U	
3,3'-DICHLOROBENZIDINE	190	U	
3-NITROANILINE	97	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	
4-BROMOPHENYL PHENYL ETHER	39	U	
4-CHLORO-3-METHYLPHENOL	39	U	
4-CHLOROANILINE	290	U	
4-CHLOROPHENYL PHENYL ETHER	39	U	
4-NITROANILINE	97	U	
4-NITROPHENOL	390	U	
ACENAPHTHENE	39	U	
ACENAPHTHYLENE	39	U	
ANTHRACENE	39	U	
BENZO(A)ANTHRACENE	39	U	
BENZO(A)PYRENE	39	U	

nsample	C03D-06C-24-0604
samp_date	6/8/2004
lab_id	F24685-3
qc_type	NM
units	UG/KG
Pct_Solids	85.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	39	U	
BENZO(G,H,I)PERYLENE	77	U	
BENZO(K)FLUORANTHENE	39	U	
BIS(2-CHLOROETHOXY)METHANE	39	U	
BIS(2-CHLOROETHYL)ETHER	77	U	
BIS(2-ETHYLHEXYL)PHTHALATE	190	U	
BUTYL BENZYL PHTHALATE	97	U	
CARBAZOLE	39	U	
CHRYSENE	39	U	
DIBENZO(A,H)ANTHRACENE	77	U	
DIBENZOFURAN	39	U	
DIETHYL PHTHALATE	97	U	
DIMETHYL PHTHALATE	97	U	
DI-N-BUTYL PHTHALATE	97	U	
DI-N-OCTYL PHTHALATE	190	U	
FLUORANTHENE	39	U	
FLUORENE	39	U	
HEXACHLOROBENZENE	39	U	
HEXACHLOROBUTADIENE	77	U	
HEXACHLOROCYCLOPENTADIENE	77	U	
HEXACHLOROETHANE	77	U	
INDENO(1,2,3-CD)PYRENE	77	U	
ISOPHORONE	39	U	
NAPHTHALENE	39	U	
NITROBENZENE	39	U	
N-NITROSO-DI-N-PROPYLAMINE	77	U	
N-NITROSODIPHENYLAMINE	39	U	
PENTACHLOROPHENOL	390	U	
PHENANTHRENE	39	U	
PHENOL	39	U	
PYRENE	77	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-07C-06-0604
samp_date	6/8/2004
lab_id	F24685-7
qc_type	NM
units	UG/KG
Pct_Solids	98.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	48.9	J	P
BENZO(A)PYRENE	65.7	J	P

nsample	C03D-07C-06-0604
samp_date	6/8/2004
lab_id	F24685-7
qc_type	NM
units	UG/KG
Pct_Solids	98.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	81.9	J	P
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	70.5	J	P
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	80.9	J	P
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	107	J	P
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	95	J	P

nsample	C03D-07C-12-0604
samp_date	6/8/2004
lab_id	F24685-8
qc_type	NM
units	UG/KG
Pct_Solids	97.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-07C-12-0604
samp_date	6/8/2004
lab_id	F24685-8
qc_type	NM
units	UG/KG
Pct_Solids	97.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	67	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	67	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	67	U	

nsample	C03D-07C-24-0604
samp_date	6/8/2004
lab_id	F24685-9
qc_type	NM
units	UG/KG
Pct_Solids	92.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	89	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	89	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	89	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-07C-24-0604
samp_date	6/8/2004
lab_id	F24685-9
qc_type	NM
units	UG/KG
Pct_Solids	92.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	89	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	89	U	
DIMETHYL PHTHALATE	89	U	
DI-N-BUTYL PHTHALATE	89	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	71	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-10C-06-0604
samp_date	6/8/2004
lab_id	F24685-4
qc_type	NM
units	UG/KG
Pct_Solids	93.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	88	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	88	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	88	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	35	U	
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	108	J	P
BENZO(A)PYRENE	97	J	P

nsample	C03D-10C-06-0604
samp_date	6/8/2004
lab_id	F24685-4
qc_type	NM
units	UG/KG
Pct_Solids	93.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	134	J	P
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	87.8	J	P
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	88	U	
CARBAZOLE	35	U	
CHRYSENE	140	J	P
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	88	U	
DIMETHYL PHTHALATE	88	U	
DI-N-BUTYL PHTHALATE	88	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	215		
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71.5	J	P
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	51.6	J	P
PHENOL	35	U	
PYRENE	179	J	P

nsample	C03D-10C-12-0604
samp_date	6/8/2004
lab_id	F24685-5
qc_type	NM
units	UG/KG
Pct_Solids	93.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	35	U	
1,2-DICHLOROBENZENE	35	U	
1,3-DICHLOROBENZENE	35	U	
1,4-DICHLOROBENZENE	35	U	
2,4,5-TRICHLOROPHENOL	35	U	
2,4,6-TRICHLOROPHENOL	35	U	
2,4-DICHLOROPHENOL	35	U	
2,4-DIMETHYLPHENOL	35	U	
2,4-DINITROPHENOL	350	U	
2,4-DINITROTOLUENE	70	U	
2,6-DINITROTOLUENE	70	U	
2-CHLORONAPHTHALENE	35	U	
2-CHLOROPHENOL	35	U	
2-METHYLNAPHTHALENE	35	U	
2-METHYLPHENOL	35	U	
2-NITROANILINE	87	U	
2-NITROPHENOL	35	U	
3&4-METHYLPHENOL	35	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	87	U	
4,6-DINITRO-2-METHYLPHENOL	70	U	
4-BROMOPHENYL PHENYL ETHER	35	U	
4-CHLORO-3-METHYLPHENOL	35	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	35	U	
4-NITROANILINE	87	U	
4-NITROPHENOL	350	U	
ACENAPHTHENE	35	U	
ACENAPHTHYLENE	46.4	J	P
ANTHRACENE	35	U	
BENZO(A)ANTHRACENE	56.1	J	P
BENZO(A)PYRENE	166	J	P

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-10C-12-0604
samp_date	6/8/2004
lab_id	F24685-5
qc_type	NM
units	UG/KG
Pct_Solids	93.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	322		
BENZO(G,H,I)PERYLENE	177		
BENZO(K)FLUORANTHENE	205		
BIS(2-CHLOROETHOXY)METHANE	35	U	
BIS(2-CHLOROETHYL)ETHER	70	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	87	U	
CARBAZOLE	35	U	
CHRYSENE	116	J	P
DIBENZO(A,H)ANTHRACENE	70	U	
DIBENZOFURAN	35	U	
DIETHYL PHTHALATE	87	U	
DIMETHYL PHTHALATE	87	U	
DI-N-BUTYL PHTHALATE	87	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	35	U	
FLUORENE	35	U	
HEXACHLOROBENZENE	35	U	
HEXACHLOROBUTADIENE	70	U	
HEXACHLOROCYCLOPENTADIENE	70	U	
HEXACHLOROETHANE	70	U	
INDENO(1,2,3-CD)PYRENE	164	J	P
ISOPHORONE	35	U	
NAPHTHALENE	35	U	
NITROBENZENE	35	U	
N-NITROSO-DI-N-PROPYLAMINE	70	U	
N-NITROSODIPHENYLAMINE	35	U	
PENTACHLOROPHENOL	350	U	
PHENANTHRENE	35	U	
PHENOL	35	U	
PYRENE	70	U	

nsample	C03D-10C-24-0604
samp_date	6/8/2004
lab_id	F24685-6
qc_type	NM
units	UG/KG
Pct_Solids	92.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	36	U	
1,2-DICHLOROBENZENE	36	U	
1,3-DICHLOROBENZENE	36	U	
1,4-DICHLOROBENZENE	36	U	
2,4,5-TRICHLOROPHENOL	36	U	
2,4,6-TRICHLOROPHENOL	36	U	
2,4-DICHLOROPHENOL	36	U	
2,4-DIMETHYLPHENOL	36	U	
2,4-DINITROPHENOL	360	U	
2,4-DINITROTOLUENE	71	U	
2,6-DINITROTOLUENE	71	U	
2-CHLORONAPHTHALENE	36	U	
2-CHLOROPHENOL	36	U	
2-METHYLNAPHTHALENE	36	U	
2-METHYLPHENOL	36	U	
2-NITROANILINE	89	U	
2-NITROPHENOL	36	U	
3&4-METHYLPHENOL	36	U	
3,3'-DICHLOROBENZIDINE	180	U	
3-NITROANILINE	89	U	
4,6-DINITRO-2-METHYLPHENOL	71	U	
4-BROMOPHENYL PHENYL ETHER	36	U	
4-CHLORO-3-METHYLPHENOL	36	U	
4-CHLOROANILINE	270	U	
4-CHLOROPHENYL PHENYL ETHER	36	U	
4-NITROANILINE	89	U	
4-NITROPHENOL	360	U	
ACENAPHTHENE	36	U	
ACENAPHTHYLENE	36	U	
ANTHRACENE	36	U	
BENZO(A)ANTHRACENE	36	U	
BENZO(A)PYRENE	36	U	

nsample	C03D-10C-24-0604
samp_date	6/8/2004
lab_id	F24685-6
qc_type	NM
units	UG/KG
Pct_Solids	92.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	36	U	
BENZO(G,H,I)PERYLENE	71	U	
BENZO(K)FLUORANTHENE	36	U	
BIS(2-CHLOROETHOXY)METHANE	36	U	
BIS(2-CHLOROETHYL)ETHER	71	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	
BUTYL BENZYL PHTHALATE	89	U	
CARBAZOLE	36	U	
CHRYSENE	36	U	
DIBENZO(A,H)ANTHRACENE	71	U	
DIBENZOFURAN	36	U	
DIETHYL PHTHALATE	89	U	
DIMETHYL PHTHALATE	89	U	
DI-N-BUTYL PHTHALATE	89	U	
DI-N-OCTYL PHTHALATE	180	U	
FLUORANTHENE	36	U	
FLUORENE	36	U	
HEXACHLOROBENZENE	36	U	
HEXACHLOROBUTADIENE	71	U	
HEXACHLOROCYCLOPENTADIENE	71	U	
HEXACHLOROETHANE	71	U	
INDENO(1,2,3-CD)PYRENE	71	U	
ISOPHORONE	36	U	
NAPHTHALENE	36	U	
NITROBENZENE	36	U	
N-NITROSO-DI-N-PROPYLAMINE	71	U	
N-NITROSODIPHENYLAMINE	36	U	
PENTACHLOROPHENOL	360	U	
PHENANTHRENE	36	U	
PHENOL	36	U	
PYRENE	71	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-11C-06-0604
samp_date	6/8/2004
lab_id	F24685-11
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	67	U	
2,6-DINITROTOLUENE	67	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	84	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	84	U	
4,6-DINITRO-2-METHYLPHENOL	67	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	84	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	79.8	J	P
BENZO(A)PYRENE	87	J	P

nsample	C03D-11C-06-0604
samp_date	6/8/2004
lab_id	F24685-11
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	109	J	P
BENZO(G,H,I)PERYLENE	76.3	J	P
BENZO(K)FLUORANTHENE	89.8	J	P
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	67	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	84	U	
CARBAZOLE	34	U	
CHRYSENE	115	J	P
DIBENZO(A,H)ANTHRACENE	67	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	84	U	
DIMETHYL PHTHALATE	84	U	
DI-N-BUTYL PHTHALATE	84	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	155	J	P
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	67	U	
HEXACHLOROCYCLOPENTADIENE	67	U	
HEXACHLOROETHANE	67	U	
INDENO(1,2,3-CD)PYRENE	71.7	J	P
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	67	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	139	J	P

nsample	C03D-11C-12-0604
samp_date	6/8/2004
lab_id	F24685-12
qc_type	NM
units	UG/KG
Pct_Solids	96.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	69	U	
2,6-DINITROTOLUENE	69	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	86	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	86	U	
4,6-DINITRO-2-METHYLPHENOL	69	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	260	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	86	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: OS

nsample	C03D-11C-12-0604
samp_date	6/8/2004
lab_id	F24685-12
qc_type	NM
units	UG/KG
Pct_Solids	96.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	69	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	69	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	86	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	69	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	86	U	
DIMETHYL PHTHALATE	86	U	
DI-N-BUTYL PHTHALATE	86	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	69	U	
HEXACHLOROCYCLOPENTADIENE	69	U	
HEXACHLOROETHANE	69	U	
INDENO(1,2,3-CD)PYRENE	69	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	69	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	69	U	

nsample	C03D-11C-24-0604
samp_date	6/8/2004
lab_id	F24685-13
qc_type	NM
units	UG/KG
Pct_Solids	96.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	34	U	
1,2-DICHLOROBENZENE	34	U	
1,3-DICHLOROBENZENE	34	U	
1,4-DICHLOROBENZENE	34	U	
2,4,5-TRICHLOROPHENOL	34	U	
2,4,6-TRICHLOROPHENOL	34	U	
2,4-DICHLOROPHENOL	34	U	
2,4-DIMETHYLPHENOL	34	U	
2,4-DINITROPHENOL	340	U	
2,4-DINITROTOLUENE	68	U	
2,6-DINITROTOLUENE	68	U	
2-CHLORONAPHTHALENE	34	U	
2-CHLOROPHENOL	34	U	
2-METHYLNAPHTHALENE	34	U	
2-METHYLPHENOL	34	U	
2-NITROANILINE	85	U	
2-NITROPHENOL	34	U	
3&4-METHYLPHENOL	34	U	
3,3'-DICHLOROBENZIDINE	170	U	
3-NITROANILINE	85	U	
4,6-DINITRO-2-METHYLPHENOL	68	U	
4-BROMOPHENYL PHENYL ETHER	34	U	
4-CHLORO-3-METHYLPHENOL	34	U	
4-CHLOROANILINE	250	U	
4-CHLOROPHENYL PHENYL ETHER	34	U	
4-NITROANILINE	85	U	
4-NITROPHENOL	340	U	
ACENAPHTHENE	34	U	
ACENAPHTHYLENE	34	U	
ANTHRACENE	34	U	
BENZO(A)ANTHRACENE	34	U	
BENZO(A)PYRENE	34	U	

nsample	C03D-11C-24-0604
samp_date	6/8/2004
lab_id	F24685-13
qc_type	NM
units	UG/KG
Pct_Solids	96.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	34	U	
BENZO(G,H,I)PERYLENE	68	U	
BENZO(K)FLUORANTHENE	34	U	
BIS(2-CHLOROETHOXY)METHANE	34	U	
BIS(2-CHLOROETHYL)ETHER	68	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	
BUTYL BENZYL PHTHALATE	85	U	
CARBAZOLE	34	U	
CHRYSENE	34	U	
DIBENZO(A,H)ANTHRACENE	68	U	
DIBENZOFURAN	34	U	
DIETHYL PHTHALATE	85	U	
DIMETHYL PHTHALATE	85	U	
DI-N-BUTYL PHTHALATE	85	U	
DI-N-OCTYL PHTHALATE	170	U	
FLUORANTHENE	34	U	
FLUORENE	34	U	
HEXACHLOROBENZENE	34	U	
HEXACHLOROBUTADIENE	68	U	
HEXACHLOROCYCLOPENTADIENE	68	U	
HEXACHLOROETHANE	68	U	
INDENO(1,2,3-CD)PYRENE	68	U	
ISOPHORONE	34	U	
NAPHTHALENE	34	U	
NITROBENZENE	34	U	
N-NITROSO-DI-N-PROPYLAMINE	68	U	
N-NITROSODIPHENYLAMINE	34	U	
PENTACHLOROPHENOL	340	U	
PHENANTHRENE	34	U	
PHENOL	34	U	
PYRENE	68	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	C03D-06C-06-0604	nsample	C03D-06C-12-0604	nsample	C03D-06C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-1	lab_id	F24685-2	lab_id	F24685-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	97.8	Pct_Solids	95.1	Pct_Solids	85.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	84	U	
AROCLOR-1221	130	U	
AROCLOR-1232	130	U	
AROCLOR-1242	84	U	
AROCLOR-1248	84	U	
AROCLOR-1254	84	U	
AROCLOR-1260	842		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	44	U	
AROCLOR-1221	70	U	
AROCLOR-1232	70	U	
AROCLOR-1242	44	U	
AROCLOR-1248	44	U	
AROCLOR-1254	109	J	Q
AROCLOR-1260	517	J	Q

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	960	U	
AROCLOR-1221	1500	U	
AROCLOR-1232	1500	U	
AROCLOR-1242	960	U	
AROCLOR-1248	960	U	
AROCLOR-1254	960	U	
AROCLOR-1260	11400		

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	C03D-07C-06-0604	nsample	C03D-07C-12-0604	nsample	C03D-07C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-7	lab_id	F24685-8	lab_id	F24685-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	98.2	Pct_Solids	97.6	Pct_Solids	92.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	420	U	
AROCLOR-1221	670	U	
AROCLOR-1232	670	U	
AROCLOR-1242	420	U	
AROCLOR-1248	420	U	
AROCLOR-1254	420	U	
AROCLOR-1260	3270		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	34	U	
AROCLOR-1221	54	U	
AROCLOR-1232	54	U	
AROCLOR-1242	34	U	
AROCLOR-1248	34	U	
AROCLOR-1254	34	U	
AROCLOR-1260	442		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	360	U	
AROCLOR-1221	580	U	
AROCLOR-1232	580	U	
AROCLOR-1242	360	U	
AROCLOR-1248	360	U	
AROCLOR-1254	360	U	
AROCLOR-1260	1750	J	G

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	C03D-10C-06-0604	nsample	C03D-10C-12-0604	nsample	C03D-10C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-4	lab_id	F24685-5	lab_id	F24685-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.9	Pct_Solids	93.1	Pct_Solids	92.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	170	U	
AROCLOR-1221	280	U	
AROCLOR-1232	280	U	
AROCLOR-1242	170	U	
AROCLOR-1248	170	U	
AROCLOR-1254	170	U	
AROCLOR-1260	2160		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	36	U	
AROCLOR-1221	57	U	
AROCLOR-1232	57	U	
AROCLOR-1242	36	U	
AROCLOR-1248	36	U	
AROCLOR-1254	36	U	
AROCLOR-1260	313		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	18	U	
AROCLOR-1221	28	U	
AROCLOR-1232	28	U	
AROCLOR-1242	18	U	
AROCLOR-1248	18	U	
AROCLOR-1254	18	U	
AROCLOR-1260	265		

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	C03D-11C-06-0604	nsample	C03D-11C-12-0604	nsample	C03D-11C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-11	lab_id	F24685-12	lab_id	F24685-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	98.0	Pct_Solids	96.9	Pct_Solids	96.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	830	U	
AROCLOR-1221	1300	U	
AROCLOR-1232	1300	U	
AROCLOR-1242	830	U	
AROCLOR-1248	830	U	
AROCLOR-1254	830	U	
AROCLOR-1260	17200		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	8.5	U	
AROCLOR-1221	14	U	
AROCLOR-1232	14	U	
AROCLOR-1242	8.5	U	
AROCLOR-1248	8.5	U	
AROCLOR-1254	8.5	U	
AROCLOR-1260	114		

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	8.6	U	
AROCLOR-1221	14	U	
AROCLOR-1232	14	U	
AROCLOR-1242	8.6	U	
AROCLOR-1248	8.6	U	
AROCLOR-1254	8.6	U	
AROCLOR-1260	16.4	J	P

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KW-DUP-05-0604
samp_date	6/8/2004
lab_id	F24685-10
qc_type	NM
units	UG/KG
Pct_Solids	96.7
DUP_OF:	C03D-07C-24-0604

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	8.5	U	
AROCLOR-1221	14	U	
AROCLOR-1232	14	U	
AROCLOR-1242	8.5	U	
AROCLOR-1248	8.5	U	
AROCLOR-1254	8.5	U	
AROCLOR-1260	114	J	G

PROJ_NO: 0693

SDG: F24685 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWRB060804
samp_date	6/8/2004
lab_id	F24685-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	0.25	U	
AROCLOR-1221	0.4	U	
AROCLOR-1232	0.4	U	
AROCLOR-1242	0.25	U	
AROCLOR-1248	0.25	U	
AROCLOR-1254	0.25	U	
AROCLOR-1260	0.25	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Accutest Laboratories

Report of Analysis

Client Sample ID:	KWRB060804		
Lab Sample ID:	F24685-14	Date Sampled:	06/08/04
Matrix:	AQ - Equipment Blank	Date Received:	06/09/04
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020351.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	2.1	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	2.1	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.2	2.1	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.2	ug/l	
95-48-7	2-Methylphenol	ND	5.2	2.1	ug/l	
	3&4-Methylphenol	ND	5.2	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	2.1	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.2	2.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	2.1	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	2.1	ug/l	
83-32-9	Acenaphthene	ND	5.2	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.2	1.0	ug/l	
120-12-7	Anthracene	ND	5.2	1.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.2	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.2	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.2	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.2	2.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.2	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.2	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.2	2.1	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.2	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	3.1	ug/l	
86-74-8	Carbazole	ND	5.2	1.0	ug/l	
218-01-9	Chrysene	ND	5.2	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.2	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.2	2.1	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.2	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.2	1.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	KWRB060804		
Lab Sample ID:	F24685-14	Date Sampled:	06/08/04
Matrix:	AQ - Equipment Blank	Date Received:	06/09/04
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	5.2	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.2	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.2	2.1	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.2	2.1	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.2	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.2	2.1	ug/l	
132-64-9	Dibenzofuran	ND	5.2	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.2	2.1	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.2	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.2	2.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.2	2.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.2	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.2	1.0	ug/l	
86-73-7	Fluorene	ND	5.2	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.2	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.2	2.1	ug/l	
67-72-1	Hexachloroethane	ND	5.2	2.1	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.2	2.1	ug/l	
78-59-1	Isophorone	ND	5.2	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.2	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	2.1	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	2.1	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	2.1	ug/l	
91-20-3	Naphthalene	ND	5.2	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.2	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.2	2.1	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	2.1	ug/l	
85-01-8	Phenanthrene	ND	5.2	1.0	ug/l	
129-00-0	Pyrene	ND	5.2	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		19-90%
4165-62-2	Phenol-d5	36%		10-68%
118-79-6	2,4,6-Tribromophenol	92%		36-137%
4165-60-0	Nitrobenzene-d5	87%		49-119%
321-60-8	2-Fluorobiphenyl	86%		45-118%
1718-51-0	Terphenyl-d14	104%		46-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-06-0604		
Lab Sample ID:	F24685-1	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021951.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	840	330	ug/kg	
87-86-5	Pentachlorophenol	ND	840	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-06-0604		
Lab Sample ID:	F24685-1	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.8
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	84	ug/kg	
99-09-2	3-Nitroaniline	ND	330	84	ug/kg	
100-01-6	4-Nitroaniline	ND	330	84	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		45-114%
4165-62-2	Phenol-d5	63%		44-124%
118-79-6	2,4,6-Tribromophenol	68%		50-128%
4165-60-0	Nitrobenzene-d5	56%		41-123%
321-60-8	2-Fluorobiphenyl	63%		46-122%
1718-51-0	Terphenyl-d14	71%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-12-0604		
Lab Sample ID:	F24685-2	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021952.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-06C-12-0604		
Lab Sample ID:	F24685-2	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	73%		50-128%
4165-60-0	Nitrobenzene-d5	61%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-24-0604		
Lab Sample ID:	F24685-3	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	85.3
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021965.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	77	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	970	390	ug/kg	
87-86-5	Pentachlorophenol	ND	970	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	77	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	97	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	770	290	ug/kg	
86-74-8	Carbazole	ND	190	39	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	77	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-24-0604		
Lab Sample ID:	F24685-3	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	85.3
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	190	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	39	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	77	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	77	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	97	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	190	ug/kg	
84-66-2	Diethyl phthalate	ND	390	97	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	97	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	77	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	77	ug/kg	
67-72-1	Hexachloroethane	ND	190	77	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	77	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	97	ug/kg	
99-09-2	3-Nitroaniline	ND	390	97	ug/kg	
100-01-6	4-Nitroaniline	ND	390	97	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	39	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	72%		44-124%
118-79-6	2,4,6-Tribromophenol	78%		50-128%
4165-60-0	Nitrobenzene-d5	66%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-07C-06-0604		
Lab Sample ID:	F24685-7	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021959.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	48.9	170	34	ug/kg	J
50-32-8	Benzo(a)pyrene	65.7	170	34	ug/kg	J
205-99-2	Benzo(b)fluoranthene	81.9	170	34	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	70.5	170	34	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	80.9	170	34	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-07C-06-0604		
Lab Sample ID:	F24685-7	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	107	170	34	ug/kg	J
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	95.0	170	67	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	75%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	84%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-07C-12-0604		
Lab Sample ID:	F24685-8	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.6
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021960.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-07C-12-0604		
Lab Sample ID:	F24685-8	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	97.6
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	82%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-07C-24-0604		
Lab Sample ID:	F24685-9	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W020386.D	1	06/17/04	ME	06/17/04	OP10707	SW1070
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	890	360	ug/kg	
87-86-5	Pentachlorophenol	ND	890	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	89	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-07C-24-0604		
Lab Sample ID:	F24685-9	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.4
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	89	ug/kg	
99-09-2	3-Nitroaniline	ND	360	89	ug/kg	
100-01-6	4-Nitroaniline	ND	360	89	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	91%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-06-0604		
Lab Sample ID:	F24685-4	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021954.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	880	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	35	ug/kg	
	3&4-Methylphenol	ND	180	35	ug/kg	
88-75-5	2-Nitrophenol	ND	180	35	ug/kg	
100-02-7	4-Nitrophenol	ND	880	350	ug/kg	
87-86-5	Pentachlorophenol	ND	880	350	ug/kg	
108-95-2	Phenol	ND	180	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	ND	180	35	ug/kg	
208-96-8	Acenaphthylene	ND	180	35	ug/kg	
120-12-7	Anthracene	ND	180	35	ug/kg	
56-55-3	Benzo(a)anthracene	108	180	35	ug/kg	J
50-32-8	Benzo(a)pyrene	97.0	180	35	ug/kg	J
205-99-2	Benzo(b)fluoranthene	134	180	35	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	87.8	180	35	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	180	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	88	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	35	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	35	ug/kg	
218-01-9	Chrysene	140	180	35	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	180	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	35	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-06-0604		
Lab Sample ID:	F24685-4	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	88	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	180	ug/kg	
84-66-2	Diethyl phthalate	ND	350	88	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	88	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	180	ug/kg	
206-44-0	Fluoranthene	215	180	35	ug/kg	
86-73-7	Fluorene	ND	180	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	71.5	180	71	ug/kg	J
78-59-1	Isophorone	ND	180	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	88	ug/kg	
99-09-2	3-Nitroaniline	ND	350	88	ug/kg	
100-01-6	4-Nitroaniline	ND	350	88	ug/kg	
91-20-3	Naphthalene	ND	180	35	ug/kg	
98-95-3	Nitrobenzene	ND	180	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	35	ug/kg	
85-01-8	Phenanthrene	51.6	180	35	ug/kg	J
129-00-0	Pyrene	179	180	71	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	180	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	72%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	66%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-12-0604		
Lab Sample ID:	F24685-5	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021955.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	35	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	35	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	35	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	870	350	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	350	70	ug/kg	
95-48-7	2-Methylphenol	ND	170	35	ug/kg	
	3&4-Methylphenol	ND	170	35	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	870	350	ug/kg	
87-86-5	Pentachlorophenol	ND	870	350	ug/kg	
108-95-2	Phenol	ND	170	35	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	35	ug/kg	
83-32-9	Acenaphthene	ND	170	35	ug/kg	
208-96-8	Acenaphthylene	46.4	170	35	ug/kg	J
120-12-7	Anthracene	ND	170	35	ug/kg	
56-55-3	Benzo(a)anthracene	56.1	170	35	ug/kg	J
50-32-8	Benzo(a)pyrene	166	170	35	ug/kg	J
205-99-2	Benzo(b)fluoranthene	322	170	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	177	170	70	ug/kg	
207-08-9	Benzo(k)fluoranthene	205	170	35	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	35	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	350	87	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	35	ug/kg	
106-47-8	4-Chloroaniline	ND	700	260	ug/kg	
86-74-8	Carbazole	ND	170	35	ug/kg	
218-01-9	Chrysene	116	170	35	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	C03D-10C-12-0604		
Lab Sample ID:	F24685-5	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	93.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	35	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	70	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	70	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	350	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	70	ug/kg	
132-64-9	Dibenzofuran	ND	170	35	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	350	87	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	350	170	ug/kg	
84-66-2	Diethyl phthalate	ND	350	87	ug/kg	
131-11-3	Dimethyl phthalate	ND	350	87	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	350	170	ug/kg	
206-44-0	Fluoranthene	ND	170	35	ug/kg	
86-73-7	Fluorene	ND	170	35	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	35	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	70	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	70	ug/kg	
67-72-1	Hexachloroethane	ND	170	70	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	164	170	70	ug/kg	J
78-59-1	Isophorone	ND	170	35	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	35	ug/kg	
88-74-4	2-Nitroaniline	ND	350	87	ug/kg	
99-09-2	3-Nitroaniline	ND	350	87	ug/kg	
100-01-6	4-Nitroaniline	ND	350	87	ug/kg	
91-20-3	Naphthalene	ND	170	35	ug/kg	
98-95-3	Nitrobenzene	ND	170	35	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	35	ug/kg	
85-01-8	Phenanthrene	ND	170	35	ug/kg	
129-00-0	Pyrene	ND	170	70	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	74%		50-128%
4165-60-0	Nitrobenzene-d5	61%		41-123%
321-60-8	2-Fluorobiphenyl	65%		46-122%
1718-51-0	Terphenyl-d14	74%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-24-0604		
Lab Sample ID:	F24685-6	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	180	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	36	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	890	360	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	360	71	ug/kg	
95-48-7	2-Methylphenol	ND	180	36	ug/kg	
	3&4-Methylphenol	ND	180	36	ug/kg	
88-75-5	2-Nitrophenol	ND	180	36	ug/kg	
100-02-7	4-Nitrophenol	ND	890	360	ug/kg	
87-86-5	Pentachlorophenol	ND	890	360	ug/kg	
108-95-2	Phenol	ND	180	36	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	36	ug/kg	
83-32-9	Acenaphthene	ND	180	36	ug/kg	
208-96-8	Acenaphthylene	ND	180	36	ug/kg	
120-12-7	Anthracene	ND	180	36	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	36	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	36	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	36	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	71	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	36	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	180	36	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	89	ug/kg	
91-58-7	2-Chloronaphthalene	ND	180	36	ug/kg	
106-47-8	4-Chloroaniline	ND	710	270	ug/kg	
86-74-8	Carbazole	ND	180	36	ug/kg	
218-01-9	Chrysene	ND	180	36	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	180	36	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	180	71	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	180	36	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-24-0604		
Lab Sample ID:	F24685-6	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	92.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	180	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	180	36	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	180	71	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	180	71	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	71	ug/kg	
132-64-9	Dibenzofuran	ND	180	36	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	360	89	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	180	ug/kg	
84-66-2	Diethyl phthalate	ND	360	89	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	180	ug/kg	
206-44-0	Fluoranthene	ND	180	36	ug/kg	
86-73-7	Fluorene	ND	180	36	ug/kg	
118-74-1	Hexachlorobenzene	ND	180	36	ug/kg	
87-68-3	Hexachlorobutadiene	ND	180	71	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	180	71	ug/kg	
67-72-1	Hexachloroethane	ND	180	71	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	71	ug/kg	
78-59-1	Isophorone	ND	180	36	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	36	ug/kg	
88-74-4	2-Nitroaniline	ND	360	89	ug/kg	
99-09-2	3-Nitroaniline	ND	360	89	ug/kg	
100-01-6	4-Nitroaniline	ND	360	89	ug/kg	
91-20-3	Naphthalene	ND	180	36	ug/kg	
98-95-3	Nitrobenzene	ND	180	36	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	180	71	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	36	ug/kg	
85-01-8	Phenanthrene	ND	180	36	ug/kg	
129-00-0	Pyrene	ND	180	71	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	180	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-11C-06-0604		
Lab Sample ID:	F24685-11	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021962.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	840	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	840	340	ug/kg	
87-86-5	Pentachlorophenol	ND	840	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	79.8	170	34	ug/kg	J
50-32-8	Benzo(a)pyrene	87.0	170	34	ug/kg	J
205-99-2	Benzo(b)fluoranthene	109	170	34	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	76.3	170	67	ug/kg	J
207-08-9	Benzo(k)fluoranthene	89.8	170	34	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	84	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	115	170	34	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	C03D-11C-06-0604		
Lab Sample ID:	F24685-11	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	84	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	84	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	84	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	155	170	34	ug/kg	J
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	71.7	170	67	ug/kg	J
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	84	ug/kg	
99-09-2	3-Nitroaniline	ND	340	84	ug/kg	
100-01-6	4-Nitroaniline	ND	340	84	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	139	170	67	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	74%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-11C-12-0604		
Lab Sample ID:	F24685-12	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021963.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	860	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	69	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	860	340	ug/kg	
87-86-5	Pentachlorophenol	ND	860	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	86	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	690	260	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	69	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-12-0604		
Lab Sample ID:	F24685-12	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.9
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	69	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	69	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	86	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	86	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	86	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	69	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	69	ug/kg	
67-72-1	Hexachloroethane	ND	170	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	69	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	86	ug/kg	
99-09-2	3-Nitroaniline	ND	340	86	ug/kg	
100-01-6	4-Nitroaniline	ND	340	86	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	69	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	74%		50-128%
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	69%		46-122%
1718-51-0	Terphenyl-d14	82%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-24-0604		
Lab Sample ID:	F24685-13	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L021964.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	34	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	34	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	34	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	340	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	340	68	ug/kg	
95-48-7	2-Methylphenol	ND	170	34	ug/kg	
	3&4-Methylphenol	ND	170	34	ug/kg	
88-75-5	2-Nitrophenol	ND	170	34	ug/kg	
100-02-7	4-Nitrophenol	ND	850	340	ug/kg	
87-86-5	Pentachlorophenol	ND	850	340	ug/kg	
108-95-2	Phenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	34	ug/kg	
83-32-9	Acenaphthene	ND	170	34	ug/kg	
208-96-8	Acenaphthylene	ND	170	34	ug/kg	
120-12-7	Anthracene	ND	170	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	68	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	34	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	34	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	340	85	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	34	ug/kg	
106-47-8	4-Chloroaniline	ND	680	250	ug/kg	
86-74-8	Carbazole	ND	170	34	ug/kg	
218-01-9	Chrysene	ND	170	34	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	34	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	34	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-24-0604		
Lab Sample ID:	F24685-13	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8270C SW846 3550B	Percent Solids:	96.1
Project:	NAS Key West/CTO 349; Key West, FL		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	1,3-Dichlorobenzene	ND	170	34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	34	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	68	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	68	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	340	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	68	ug/kg	
132-64-9	Dibenzofuran	ND	170	34	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	340	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	340	170	ug/kg	
84-66-2	Diethyl phthalate	ND	340	85	ug/kg	
131-11-3	Dimethyl phthalate	ND	340	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	340	170	ug/kg	
206-44-0	Fluoranthene	ND	170	34	ug/kg	
86-73-7	Fluorene	ND	170	34	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	68	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	68	ug/kg	
67-72-1	Hexachloroethane	ND	170	68	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	68	ug/kg	
78-59-1	Isophorone	ND	170	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	34	ug/kg	
88-74-4	2-Nitroaniline	ND	340	85	ug/kg	
99-09-2	3-Nitroaniline	ND	340	85	ug/kg	
100-01-6	4-Nitroaniline	ND	340	85	ug/kg	
91-20-3	Naphthalene	ND	170	34	ug/kg	
98-95-3	Nitrobenzene	ND	170	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	68	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	34	ug/kg	
85-01-8	Phenanthrene	ND	170	34	ug/kg	
129-00-0	Pyrene	ND	170	68	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	71%		50-128%
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	KWRB060804		
Lab Sample ID:	F24685-14	Date Sampled:	06/08/04
Matrix:	AQ - Equipment Blank	Date Received:	06/09/04
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ST28347.D	1	06/15/04	SKW	06/14/04	OP10673	GST891
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.40	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.40	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		49-124%
2051-24-3	Decachlorobiphenyl	72%		26-137%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-06C-06-0604		
Lab Sample ID:	F24685-1	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	97.8
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28384.D	10	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	170	84	ug/kg	
11104-28-2	Aroclor 1221	ND	170	130	ug/kg	
11141-16-5	Aroclor 1232	ND	170	130	ug/kg	
53469-21-9	Aroclor 1242	ND	170	84	ug/kg	
12672-29-6	Aroclor 1248	ND	170	84	ug/kg	
11097-69-1	Aroclor 1254	ND	170	84	ug/kg	
11096-82-5	Aroclor 1260	842	170	84	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		52-136%
2051-24-3	Decachlorobiphenyl	89%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-06C-12-0604		
Lab Sample ID:	F24685-2	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28385.D	5	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	87	44	ug/kg	
11104-28-2	Aroclor 1221	ND	87	70	ug/kg	
11141-16-5	Aroclor 1232	ND	87	70	ug/kg	
53469-21-9	Aroclor 1242	ND	87	44	ug/kg	
12672-29-6	Aroclor 1248	ND	87	44	ug/kg	
11097-69-1	Aroclor 1254 [b]	109	87	44	ug/kg	J
11096-82-5	Aroclor 1260 [b]	517	87	44	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		52-136%
2051-24-3	Decachlorobiphenyl	93%		49-148%

(a) All hits confirmed by dual column analysis.
(b) Estimated value due to the presence of multiple overlapping Aroclor patterns.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-06C-24-0604		
Lab Sample ID:	F24685-3	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	85.3
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28386.D	100	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	1900	960	ug/kg	
11104-28-2	Aroclor 1221	ND	1900	1500	ug/kg	
11141-16-5	Aroclor 1232	ND	1900	1500	ug/kg	
53469-21-9	Aroclor 1242	ND	1900	960	ug/kg	
12672-29-6	Aroclor 1248	ND	1900	960	ug/kg	
11097-69-1	Aroclor 1254	ND	1900	960	ug/kg	
11096-82-5	Aroclor 1260	11400	1900	960	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [b]		52-136%
2051-24-3	Decachlorobiphenyl	0% [b]		49-148%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-07C-06-0604		
Lab Sample ID:	F24685-7	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28393.D	50	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	830	420	ug/kg	
11104-28-2	Aroclor 1221	ND	830	670	ug/kg	
11141-16-5	Aroclor 1232	ND	830	670	ug/kg	
53469-21-9	Aroclor 1242	ND	830	420	ug/kg	
12672-29-6	Aroclor 1248	ND	830	420	ug/kg	
11097-69-1	Aroclor 1254	ND	830	420	ug/kg	
11096-82-5	Aroclor 1260	3270	830	420	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [b]		52-136%
2051-24-3	Decachlorobiphenyl	0% [b]		49-148%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-07C-12-0604		
Lab Sample ID:	F24685-8	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	97.6
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28394.D	4	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	67	34	ug/kg	
11104-28-2	Aroclor 1221	ND	67	54	ug/kg	
11141-16-5	Aroclor 1232	ND	67	54	ug/kg	
53469-21-9	Aroclor 1242	ND	67	34	ug/kg	
12672-29-6	Aroclor 1248	ND	67	34	ug/kg	
11097-69-1	Aroclor 1254	ND	67	34	ug/kg	
11096-82-5	Aroclor 1260	442	67	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		52-136%
2051-24-3	Decachlorobiphenyl	87%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-07C-24-0604		
Lab Sample ID:	F24685-9	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	92.4
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28395.D	40	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	720	360	ug/kg	
11104-28-2	Aroclor 1221	ND	720	580	ug/kg	
11141-16-5	Aroclor 1232	ND	720	580	ug/kg	
53469-21-9	Aroclor 1242	ND	720	360	ug/kg	
12672-29-6	Aroclor 1248	ND	720	360	ug/kg	
11097-69-1	Aroclor 1254	ND	720	360	ug/kg	
11096-82-5	Aroclor 1260	1750	720	360	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [b]		52-136%
2051-24-3	Decachlorobiphenyl	0% [b]		49-148%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-10C-06-0604		
Lab Sample ID:	F24685-4	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	93.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28387.D	20	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	350	170	ug/kg	
11104-28-2	Aroclor 1221	ND	350	280	ug/kg	
11141-16-5	Aroclor 1232	ND	350	280	ug/kg	
53469-21-9	Aroclor 1242	ND	350	170	ug/kg	
12672-29-6	Aroclor 1248	ND	350	170	ug/kg	
11097-69-1	Aroclor 1254	ND	350	170	ug/kg	
11096-82-5	Aroclor 1260	2160	350	170	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		52-136%
2051-24-3	Decachlorobiphenyl	94%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-10C-12-0604		
Lab Sample ID:	F24685-5	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	93.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28388.D	4	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	71	36	ug/kg	
11104-28-2	Aroclor 1221	ND	71	57	ug/kg	
11141-16-5	Aroclor 1232	ND	71	57	ug/kg	
53469-21-9	Aroclor 1242	ND	71	36	ug/kg	
12672-29-6	Aroclor 1248	ND	71	36	ug/kg	
11097-69-1	Aroclor 1254	ND	71	36	ug/kg	
11096-82-5	Aroclor 1260	313	71	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		52-136%
2051-24-3	Decachlorobiphenyl	83%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-10C-24-0604		
Lab Sample ID:	F24685-6	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	92.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28389.D	2	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	18	ug/kg	
11104-28-2	Aroclor 1221	ND	35	28	ug/kg	
11141-16-5	Aroclor 1232	ND	35	28	ug/kg	
53469-21-9	Aroclor 1242	ND	35	18	ug/kg	
12672-29-6	Aroclor 1248	ND	35	18	ug/kg	
11097-69-1	Aroclor 1254	ND	35	18	ug/kg	
11096-82-5	Aroclor 1260	265	35	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		52-136%
2051-24-3	Decachlorobiphenyl	83%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-06-0604		
Lab Sample ID:	F24685-11	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28397.D	100	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	1700	830	ug/kg	
11104-28-2	Aroclor 1221	ND	1700	1300	ug/kg	
11141-16-5	Aroclor 1232	ND	1700	1300	ug/kg	
53469-21-9	Aroclor 1242	ND	1700	830	ug/kg	
12672-29-6	Aroclor 1248	ND	1700	830	ug/kg	
11097-69-1	Aroclor 1254	ND	1700	830	ug/kg	
11096-82-5	Aroclor 1260	17200	1700	830	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [b]		52-136%
2051-24-3	Decachlorobiphenyl	0% [b]		49-148%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-12-0604		
Lab Sample ID:	F24685-12	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	96.9
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28398.D	1	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	17	14	ug/kg	
11141-16-5	Aroclor 1232	ND	17	14	ug/kg	
53469-21-9	Aroclor 1242	ND	17	8.5	ug/kg	
12672-29-6	Aroclor 1248	ND	17	8.5	ug/kg	
11097-69-1	Aroclor 1254	ND	17	8.5	ug/kg	
11096-82-5	Aroclor 1260	114	17	8.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		52-136%
2051-24-3	Decachlorobiphenyl	81%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	C03D-11C-24-0604		
Lab Sample ID:	F24685-13	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	96.1
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28399.D	1	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	8.6	ug/kg	
11104-28-2	Aroclor 1221	ND	17	14	ug/kg	
11141-16-5	Aroclor 1232	ND	17	14	ug/kg	
53469-21-9	Aroclor 1242	ND	17	8.6	ug/kg	
12672-29-6	Aroclor 1248	ND	17	8.6	ug/kg	
11097-69-1	Aroclor 1254	ND	17	8.6	ug/kg	
11096-82-5	Aroclor 1260	16.4	17	8.6	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		52-136%
2051-24-3	Decachlorobiphenyl	79%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

Report of Analysis

Client Sample ID:	KW-DUP-05-0604		
Lab Sample ID:	F24685-10	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
Method:	SW846 8082 SW846 3550B	Percent Solids:	96.7
Project:	NAS Key West/CTO 349; Key West, FL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	ST28396.D	1	06/17/04	SKW	06/14/04	OP10676	GST892
Run #2							

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

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	17	14	ug/kg	
11141-16-5	Aroclor 1232	ND	17	14	ug/kg	
53469-21-9	Aroclor 1242	ND	17	8.5	ug/kg	
12672-29-6	Aroclor 1248	ND	17	8.5	ug/kg	
11097-69-1	Aroclor 1254	ND	17	8.5	ug/kg	
11096-82-5	Aroclor 1260	114	17	8.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		52-136%
2051-24-3	Decachlorobiphenyl	80%		49-148%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG F24685

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/10/2004	06/11/2004	2	1	3
M	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
CN	MG/L	KWRB060804	F24685-14	NM	06/08/2004	06/16/2004	06/16/2004	8	0	8
PCS	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
OS	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	KWRB060804	F24685-14	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
PCB	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	KWRB060804	F24685-14	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
PCB	%	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7

FIELD DUPLICATE PRECISION

ANALYTE	03D-07-24-0604	QUAL	KW-DUP-05-0604	QUAL	RPD	DIFFERENCE
Aroclor-1260	1750		114		175.54	1636

Sample Summary

Tetra Tech, NUS

Job No: F24685

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F24685-1	06/08/04	09:40	GB	06/09/04	SO	Soil	C03D-06C-06-0604
F24685-2	06/08/04	09:40	GB	06/09/04	SO	Soil	C03D-06C-12-0604
F24685-3	06/08/04	09:40	GB	06/09/04	SO	Soil	C03D-06C-24-0604
F24685-4	06/08/04	10:50	GB	06/09/04	SO	Soil	C03D-10C-06-0604
F24685-5	06/08/04	10:50	GB	06/09/04	SO	Soil	C03D-10C-12-0604
F24685-6	06/08/04	10:50	GB	06/09/04	SO	Soil	C03D-10C-24-0604
F24685-6D	06/08/04	10:50	GB	06/09/04	SO	Soil Dup/MSD	C03D-10C-24-0604
F24685-6S	06/08/04	10:50	GB	06/09/04	SO	Soil Matrix Spike	C03D-10C-24-0604
F24685-7	06/08/04	14:02	GB	06/09/04	SO	Soil	C03D-07C-06-0604
F24685-8	06/08/04	14:02	GB	06/09/04	SO	Soil	C03D-07C-12-0604
F24685-9	06/08/04	14:05	GB	06/09/04	SO	Soil	C03D-07C-24-0604
F24685-10	06/08/04	00:00	GB	06/09/04	SO	Soil	KW-DUP-05-0604
F24685-11	06/08/04	15:00	GB	06/09/04	SO	Soil	C03D-11C-06-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24685

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24685-12	06/08/04	15:00 GB	06/09/04	SO	Soil	C03D-11C-12-0604
F24685-13	06/08/04	15:00 GB	06/09/04	SO	Soil	C03D-11C-24-0604
F24685-14	06/08/04	15:30 GB	06/09/04	AQ	Equipment Blank	KWRB060804

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

#6

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:

ACCUTEST QUOTE #: F24685

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803 649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803 642-8454

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	TAL Metals + Sn	TCL SVOCs	TCL PCBs	LAB USE ONLY
1	C03D-06C-06-0604	6/8/04	0940	GB	SO	3					X	X	X	X	
2	C03D-06C-12-0604		0940			3									
3	C03D-06C-24-0604		0940			3									
4	C03D-10C-06-0604		1050			3									
5	C03D-10C-12-0604		1050			3									
6	C03D-10C-24-0604		1050			3									
6	C03D-10C-24-0604MS		1050			3									
6	C03D-10C-24-0604MSD		1050			3									
7	C03D-07C-06-0604		1402			3									
8	C03D-07C-12-0604		1402			3									

DATA TURNAROUND INFORMATION

☐ STANDARD
☐ 48 HOUR RUSH
☐ 24 HOUR EMERGENCY
☒ OTHER 7 day

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

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. [signature]	6/8/04	1. FED Ex	2. FED Ex	6/9/04 09:00	2. Jeff Mitchell
RELINQUISHED BY: 3.	DATE TIME:	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 2.2, 1.8 C

F24685: Chain of Custody
Page 1 of 3

ACCUTEST Laboratories

#7

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:

ACCUTEST QUOTE #: F24685

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge Rd
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 649-87963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803 642-8454

ANALYTICAL INFORMATION

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	TAL Metal + SN	TCL SVOC	TCL PCB	CN	LAB USE ONLY
9	C03D-07C-24-0604	6/8/04	1405	GB	SO	3					X	X	X	X		
10	KW-DUP-05-0604		0000			1								X		
11	C03D-01C-06-0604		1500			3						X	X	X		
12	C03D-11C-12-0604		1500			3										
13	C03D-11C-24-0604		1500			3										
14	KWRB060804	6/8/04	1530	BC	LIQ	4					X		X	X		
14	KWRB060804	6/8/04	1530	BC	LIQ	1			X			X				
14	KWRB060804	6/8/04	1530	BC	LIQ	1		X							X	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. [signature]	6/8/04	1. FED Ex	2. FED Ex	6/9/04 09:00	2. Jeff Mistroff
RELINQUISHED BY: 3.	DATE TIME:	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 ____ C

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICV1171
Lab FileID: L021799.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\060704\L021799.D Vial: 8
Acq On : 7 Jun 2004 4:18 pm Operator: marke
Sample : icv1171-50 Inst : MSBNA02
Misc : op10599,sl1171,30.5,,,1,1,soil Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	111	0.00	4.98
2		1,4-Dioxane	50.000	49.972	0.1	0	0.00	2.58
3		N-nitrosodimethylamine	50.000	55.028	-10.1	0	0.00	2.91
4		Pyridine	50.000	46.316	7.4	0	0.00	2.91
5		Benzaldehyde	50.000	0.565	98.9#	0	0.00	4.65
6		Aniline	50.000	15.654	68.7#	0	0.00	4.76
7	S	2-Fluorophenol		----------NA----------				
8		bis(2-Chloroethyl)ether	50.000	52.693	-5.4	0	0.00	4.79
9	S	Phenol-d5		----------NA----------				
10	C	Phenol	50.000	51.825	-3.7	0	0.00	4.77
11		2-Chlorophenol	50.000	51.557	-3.1	0	0.00	4.85
12		1,3-Dichlorobenzene	50.000	49.734	0.5	0	0.00	4.95
13	C	1,4-Dichlorobenzene	50.000	49.884	0.2	0	0.00	4.99
14		1,2-Dichlorobenzene	50.000	50.675	-1.3	0	0.00	5.15
15		Benzyl alcohol	50.000	50.881	-1.8	0	0.00	5.11
16		bis(2-chloroisopropyl)eth	50.000	53.421	-6.8	0	0.00	5.23
17		2-Methylphenol	50.000	50.337	-0.7	0	0.00	5.23
18		Acetophenone	50.000	49.434	1.1	0	0.00	5.33
19		Hexachloroethane	50.000	51.806	-3.6	0	0.00	5.41
20	P	N-Nitroso-di-n-propylamin	50.000	49.871	0.3	0	0.00	5.35
21		3&4-Methylphenol	100.000	99.422	0.6	0	0.00	5.35
22	I	Naphthalene-d8	40.000	40.000	0.0	113	0.00	6.16
23	S	Nitrobenzene-d5		----------NA----------				
24		Nitrobenzene	50.000	49.186	1.6	0	0.00	5.49
25		Isophorone	50.000	51.521	-3.0	0	0.00	5.70
26	C	2-Nitrophenol	50.000	51.497	-3.0	0	0.00	5.79
27		2,4-Dimethylphenol	50.000	51.126	-2.3	0	0.00	5.83
28		bis(2-Chloroethoxy)methan	50.000	46.163	7.7	0	0.00	5.91
		----------	Amount	Calc.	%Drift	----------		
29		Benzoic Acid	100.000	100.872	-0.9	0	0.00	5.97
		----------	Amount	Calc.	%Drift	----------		
30	C	2,4-Dichlorophenol	50.000	52.123	-4.2	0	0.00	6.03
31		1,2,4-Trichlorobenzene	50.000	50.158	-0.3	0	0.00	6.11
32		Naphthalene	50.000	50.993	-2.0	0	0.00	6.18
33		4-Chloroaniline	50.000	26.732	46.5#	0	0.00	6.26
34		2,6-Dichlorophenol	50.000	46.843	6.3	0	0.00	6.27
35	C	Hexachlorobutadiene	50.000	48.635	2.7	0	0.00	6.37
36		Caprolactam	50.000	49.805	0.4	0	0.00	6.63
37	C	4-Chloro-3-methylphenol	50.000	50.649	-1.3	0	0.00	6.84

Initial Calibration Verification

Job Number: F24685
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Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICV1171
Lab FileID: L021799.D

			Amount	Calc.	%Drift			
38		2-Methylnaphthalene	50.000	48.119	3.8	0	0.00	6.98
39		1-Methylnaphthalene	50.000	50.012	-0.0	0	0.00	7.12
40		1,2,4,5-Tetrachlorobenzen	50.000	46.849	6.3	0	0.00	7.25
41	I	Acenaphthene-d10	40.000	40.000	0.0	111	0.00	8.49
			Amount	Calc.	%Drift			
42	P	Hexachlorocyclopentadiene	50.000	47.247	5.5	0	0.00	7.28
			Amount	Calc.	%Drift			
43	C	2,4,6-Trichlorophenol	50.000	47.871	4.3	0	0.00	7.41
44		2,4,5-Trichlorophenol	50.000	49.394	1.2	0	0.00	7.47
45	S	2-Fluorobiphenyl		NA				
46		1,1'-Biphenyl	50.000	47.822	4.4	0	0.00	7.62
47		2-Chloronaphthalene	50.000	48.680	2.6	0	0.00	7.64
48		2-Nitroaniline	50.000	50.504	-1.0	0	0.00	7.84
49		Acenaphthylene	50.000	49.623	0.8	0	0.00	8.26
50		Dimethylphthalate	50.000	50.158	-0.3	0	0.00	8.16
51		2,6-Dinitrotoluene	50.000	49.055	1.9	0	0.00	8.26
52	C	Acenaphthene	50.000	52.537	-5.1	0	0.00	8.54
53		3-Nitroaniline	50.000	33.043	33.9#	0	0.00	8.48
			Amount	Calc.	%Drift			
54	P	2,4-Dinitrophenol	100.000	97.655	2.3	0	0.00	8.65
			Amount	Calc.	%Drift			
55		Dibenzofuran	50.000	48.723	2.6	0	0.00	8.80
56		2,4-Dinitrotoluene	50.000	50.226	-0.5	0	0.00	8.89
			Amount	Calc.	%Drift			
57	P	4-Nitrophenol	100.000	97.344	2.7	0	0.00	8.84
			Amount	Calc.	%Drift			
58		2,3,4,6-Tetrachlorophenol	50.000	46.346	7.3	0	0.00	9.09
59		Fluorene	50.000	52.671	-5.3	0	0.00	9.37
60		4-Chlorophenyl-phenylethe	50.000	49.459	1.1	0	0.00	9.39
61		Diethylphthalate	50.000	50.507	-1.0	0	0.00	9.32
62		4-Nitroaniline	50.000	48.481	3.0	0	0.00	9.50
63	I	Phenanthrene-d10	40.000	40.000	0.0	111	0.00	10.98
			Amount	Calc.	%Drift			
64		4,6-Dinitro-2-methylpheno	100.000	106.244	-6.2	0	0.00	9.58
			Amount	Calc.	%Drift			
65	C	n-Nitrosodiphenylamine	50.000	51.025	-2.0	0	0.00	9.61
66		1,2-Diphenylhydrazine	50.000	52.320	-4.6	0	0.00	9.66
67	S	2,4,6-Tribromophenol		NA				
68		4-Bromophenyl-phenylether	50.000	50.981	-2.0	0	0.00	10.22
69		Hexachlorobenzene	50.000	49.888	0.2	0	0.00	10.45
70		Atrazine	50.000	19.724	60.6#	0	0.00	10.64
			Amount	Calc.	%Drift			
71	C	Pentachlorophenol	100.000	96.837	3.2	0	0.00	10.80
			Amount	Calc.	%Drift			
72		Phenanthrene	50.000	52.898	-5.8	0	0.00	11.02
73		Anthracene	50.000	51.558	-3.1	0	0.00	11.10
74		Carbazole	50.000	50.241	-0.5	0	0.00	11.44
75		Di-n-butylphthalate	50.000	50.387	-0.8	0	0.00	12.28

Initial Calibration Verification

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Sample: SL1171-ICV1171
Lab FileID: L021799.D

76	C	Fluoranthene	50.000	50.604	-1.2	0	0.00	13.21
77	I	Chrysene-d12	40.000	40.000	0.0	109	0.00	15.93
78		Benzidine		----------NA----------				
79		Pyrene	50.000	54.850	-9.7	0	0.00	13.61
80	S	Terphenyl-d14		----------NA----------				
81		Butylbenzylphthalate	50.000	51.979	-4.0	0	0.00	15.08
82		3,3'-Dichlorobenzidine	50.000	35.873	28.3#	0	-0.01	15.95
83		Benzo[a]anthracene	50.000	52.958	-5.9	0	0.00	15.90
84		Chrysene	50.000	54.588	-9.2	0	0.00	15.98
85		bis(2-Ethylhexyl)phthalat	50.000	51.364	-2.7	0	0.00	16.29
86	I	Perylene-d12	40.000	40.000	0.0	107	0.00	18.45
87	C	Di-n-octylphthalate	50.000	57.607	-15.2	0	0.00	17.41
88		Benzo[b]fluoranthene	50.000	52.948	-5.9	0	0.00	17.84
89		Benzo[k]fluoranthene	50.000	54.243	-8.5	0	0.00	17.88
90	C	Benzo[a]pyrene	50.000	53.834	-7.7	0	0.00	18.35
91		Indeno[1,2,3-cd]pyrene	50.000	51.061	-2.1	0	0.00	20.07
92		Dibenz[a,h]anthracene	50.000	51.259	-2.5	0	-0.01	20.10
93		Benzo[g,h,i]perylene	50.000	51.122	-2.2	0	-0.01	20.42

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L021799.D 8270C.M Tue Jun 08 09:23:06 2004

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

ACCUTEST Laboratories

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	81%	45-114%
4165-62-2	Phenol-d5	81%	44-124%
118-79-6	2,4,6-Tribromophenol	83%	50-128%
4165-60-0	Nitrobenzene-d5	77%	41-123%
321-60-8	2-Fluorobiphenyl	78%	46-122%

ACCUTEST Laboratories

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MB	L021948.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	95%	45-135%

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-MB	W020385.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	67	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	83	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	670	250	ug/kg	
86-74-8	Carbazole	ND	170	33	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	67	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	33	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	33	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	67	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	67	ug/kg	

Method Blank Summary

Job Number: F24685
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Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-MB	W020385.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Compound	Result	RL	MDL	Units	Q
91-94-1	3,3'-Dichlorobenzidine	ND	330	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	67	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	170	ug/kg	
84-66-2	Diethyl phthalate	ND	330	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	67	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	67	ug/kg	
67-72-1	Hexachloroethane	ND	170	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	67	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	83	ug/kg	
99-09-2	3-Nitroaniline	ND	330	83	ug/kg	
100-01-6	4-Nitroaniline	ND	330	83	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	67	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	33	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	59%	45-114%
4165-62-2	Phenol-d5	57%	44-124%
118-79-6	2,4,6-Tribromophenol	50%	50-128%
4165-60-0	Nitrobenzene-d5	57%	41-123%
321-60-8	2-Fluorobiphenyl	54%	46-122%

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-MB	W020385.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Surrogate Recoveries		Limits
1718-51-0	Terphenyl-d14	65%	45-135%

ACCUTEST Laboratories

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1320	79	70-102
59-50-7	4-Chloro-3-methyl phenol	1670	1400	84	70-103
120-83-2	2,4-Dichlorophenol	1670	1410	85	70-101
105-67-9	2,4-Dimethylphenol	1670	1310	79	39-100
51-28-5	2,4-Dinitrophenol	3330	2400	72	34-131
534-52-1	4,6-Dinitro-o-cresol	3330	2820	85	55-122
95-48-7	2-Methylphenol	1670	1310	79	66-100
	3&4-Methylphenol	3330	2600	78	68-100
88-75-5	2-Nitrophenol	1670	1350	81	70-102
100-02-7	4-Nitrophenol	3330	2760	83	63-112
87-86-5	Pentachlorophenol	3330	2770	83	58-111
108-95-2	Phenol	1670	1320	79	68-99
95-95-4	2,4,5-Trichlorophenol	1670	1440	86	72-103
88-06-2	2,4,6-Trichlorophenol	1670	1420	85	68-100
83-32-9	Acenaphthene	1670	1480	89	73-100
208-96-8	Acenaphthylene	1670	1410	85	75-111
120-12-7	Anthracene	1670	1530	92	76-106
56-55-3	Benzo(a)anthracene	1670	1540	92	76-105
50-32-8	Benzo(a)pyrene	1670	1570	94	74-116
205-99-2	Benzo(b)fluoranthene	1670	1630	98	73-114
191-24-2	Benzo(g,h,i)perylene	1670	1570	94	67-115
207-08-9	Benzo(k)fluoranthene	1670	1510	91	72-115
101-55-3	4-Bromophenyl phenyl ether	1670	1570	94	76-102
85-68-7	Butyl benzyl phthalate	1670	1600	96	70-111
91-58-7	2-Chloronaphthalene	1670	1370	82	73-101
106-47-8	4-Chloroaniline	1670	887	53	18-101
86-74-8	Carbazole	1670	1420	85	74-113
218-01-9	Chrysene	1670	1550	93	76-102
111-91-1	bis(2-Chloroethoxy)methane	1670	1230	74	61-101
111-44-4	bis(2-Chloroethyl)ether	1670	1280	77	70-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1440	86	75-103
95-50-1	1,2-Dichlorobenzene	1670	1280	77	69-101
541-73-1	1,3-Dichlorobenzene	1670	1210	73	67-100
106-46-7	1,4-Dichlorobenzene	1670	1250	75	69-100
121-14-2	2,4-Dinitrotoluene	1670	1380	83	74-112
606-20-2	2,6-Dinitrotoluene	1670	1420	85	74-114

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	1670	958	57	30-102
53-70-3	Dibenzo(a,h)anthracene	1670	1530	92	66-116
132-64-9	Dibenzofuran	1670	1410	85	75-101
84-74-2	Di-n-butyl phthalate	1670	1510	91	75-109
117-84-0	Di-n-octyl phthalate	1670	1800	108	64-128
84-66-2	Diethyl phthalate	1670	1430	86	75-109
131-11-3	Dimethyl phthalate	1670	1410	85	76-106
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1560	94	69-115
206-44-0	Fluoranthene	1670	1450	87	76-112
86-73-7	Fluorene	1670	1510	91	75-105
118-74-1	Hexachlorobenzene	1670	1500	90	76-103
87-68-3	Hexachlorobutadiene	1670	1340	80	62-91
77-47-4	Hexachlorocyclopentadiene	1670	784	47	33-112
67-72-1	Hexachloroethane	1670	1250	75	68-104
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1510	91	67-119
78-59-1	Isophorone	1670	1350	81	74-103
91-57-6	2-Methylnaphthalene	1670	1290	77	71-100
88-74-4	2-Nitroaniline	1670	1470	88	75-109
99-09-2	3-Nitroaniline	1670	1150	69	47-103
100-01-6	4-Nitroaniline	1670	1250	75	60-113
91-20-3	Naphthalene	1670	1310	79	73-100
98-95-3	Nitrobenzene	1670	1280	77	73-101
621-64-7	N-Nitroso-di-n-propylamine	1670	1310	79	69-104
86-30-6	N-Nitrosodiphenylamine	1670	1540	92	80-113
85-01-8	Phenanthrene	1670	1540	92	76-104
129-00-0	Pyrene	1670	1650	99	70-106
120-82-1	1,2,4-Trichlorobenzene	1670	1330	80	72-100

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	80%	45-114%
4165-62-2	Phenol-d5	81%	44-124%
118-79-6	2,4,6-Tribromophenol	90%	50-128%
4165-60-0	Nitrobenzene-d5	76%	41-123%
321-60-8	2-Fluorobiphenyl	80%	46-122%

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-BS	L021953.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	91%	45-135%

ACCUTEST laboratories

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-BS	W020345.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	39.6	79	62-103
59-50-7	4-Chloro-3-methyl phenol	50	39.1	78	64-103
120-83-2	2,4-Dichlorophenol	50	41.7	83	64-103
105-67-9	2,4-Dimethylphenol	50	37.9	76	43-94
51-28-5	2,4-Dinitrophenol	100	75.6	76	12-125
534-52-1	4,6-Dinitro-o-cresol	100	90.5	91	47-119
95-48-7	2-Methylphenol	50	33.9	68	54-91
	3&4-Methylphenol	100	61.4	61	48-86
88-75-5	2-Nitrophenol	50	43.2	86	64-104
100-02-7	4-Nitrophenol	100	32.4	32	22-50
87-86-5	Pentachlorophenol	100	85.1	85	50-111
108-95-2	Phenol	50	16.9	34	25-53
95-95-4	2,4,5-Trichlorophenol	50	41.2	82	66-104
88-06-2	2,4,6-Trichlorophenol	50	40.9	82	60-103
83-32-9	Acenaphthene	50	43.2	86	69-101
208-96-8	Acenaphthylene	50	40.8	82	70-113
120-12-7	Anthracene	50	43.9	88	75-107
56-55-3	Benzo(a)anthracene	50	44.5	89	73-106
50-32-8	Benzo(a)pyrene	50	46.4	93	75-114
205-99-2	Benzo(b)fluoranthene	50	45.7	91	73-110
191-24-2	Benzo(g,h,i)perylene	50	44.6	89	63-115
207-08-9	Benzo(k)fluoranthene	50	49.9	100	73-112
101-55-3	4-Bromophenyl phenyl ether	50	44.8	90	73-103
85-68-7	Butyl benzyl phthalate	50	44.9	90	69-108
91-58-7	2-Chloronaphthalene	50	39.7	79	67-102
106-47-8	4-Chloroaniline	50	28.5	57	57-104
86-74-8	Carbazole	50	42.3	85	74-113
218-01-9	Chrysene	50	45.6	91	73-103
111-91-1	bis(2-Chloroethoxy)methane	50	38.9	78	57-103
111-44-4	bis(2-Chloroethyl)ether	50	42.9	86	64-106
7005-72-3	4-Chlorophenyl phenyl ether	50	42.3	85	71-104
95-50-1	1,2-Dichlorobenzene	50	37.1	74	62-100
541-73-1	1,3-Dichlorobenzene	50	34.5	69	59-99
106-46-7	1,4-Dichlorobenzene	50	35.7	71	60-101
121-14-2	2,4-Dinitrotoluene	50	40.9	82	69-111
606-20-2	2,6-Dinitrotoluene	50	42.4	85	72-111

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-BS	W020345.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	50	34.6	69	42-110
53-70-3	Dibenzo(a,h)anthracene	50	41.9	84	63-115
132-64-9	Dibenzofuran	50	41.2	82	69-104
84-74-2	Di-n-butyl phthalate	50	42.7	85	72-109
117-84-0	Di-n-octyl phthalate	50	52.6	105	68-120
84-66-2	Diethyl phthalate	50	43.1	86	64-110
131-11-3	Dimethyl phthalate	50	44.1	88	44-120
117-81-7	bis(2-Ethylhexyl)phthalate	50	44.1	88	69-115
206-44-0	Fluoranthene	50	41.4	83	73-111
86-73-7	Fluorene	50	44.8	90	70-105
118-74-1	Hexachlorobenzene	50	43.3	87	73-103
87-68-3	Hexachlorobutadiene	50	36.3	73	55-90
77-47-4	Hexachlorocyclopentadiene	50	25.6	51	26-95
67-72-1	Hexachloroethane	50	34.5	69	59-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	41.8	84	63-118
78-59-1	Isophorone	50	42.9	86	68-107
91-57-6	2-Methylnaphthalene	50	38.9	78	66-100
88-74-4	2-Nitroaniline	50	42.0	84	70-111
99-09-2	3-Nitroaniline	50	38.7	77	66-106
100-01-6	4-Nitroaniline	50	39.1	78	65-113
91-20-3	Naphthalene	50	39.4	79	67-101
98-95-3	Nitrobenzene	50	40.7	81	66-106
621-64-7	N-Nitroso-di-n-propylamine	50	40.6	81	64-109
86-30-6	N-Nitrosodiphenylamine	50	43.7	87	74-114
85-01-8	Phenanthrene	50	45.4	91	73-104
129-00-0	Pyrene	50	48.2	96	69-105
120-82-1	1,2,4-Trichlorobenzene	50	37.9	76	64-101

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	53%	19-90%
4165-62-2	Phenol-d5	32%	10-68%
118-79-6	2,4,6-Tribromophenol	87%	36-137%
4165-60-0	Nitrobenzene-d5	81%	49-119%
321-60-8	2-Fluorobiphenyl	81%	45-118%

ACCUTEST Laboratories

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-BS	W020345.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	92%	46-135%

ACCUTEST Laboratories

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-BS	W020384.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1310	79	70-102
59-50-7	4-Chloro-3-methyl phenol	1670	1350	81	70-103
120-83-2	2,4-Dichlorophenol	1670	1390	83	70-101
105-67-9	2,4-Dimethylphenol	1670	1320	79	39-100
51-28-5	2,4-Dinitrophenol	3330	2160	65	34-131
534-52-1	4,6-Dinitro-o-cresol	3330	2740	82	55-122
95-48-7	2-Methylphenol	1670	1280	77	66-100
	3&4-Methylphenol	3330	2530	76	68-100
88-75-5	2-Nitrophenol	1670	1410	85	70-102
100-02-7	4-Nitrophenol	3330	2400	72	63-112
87-86-5	Pentachlorophenol	3330	2660	80	58-111
108-95-2	Phenol	1670	1300	78	68-99
95-95-4	2,4,5-Trichlorophenol	1670	1320	79	72-103
88-06-2	2,4,6-Trichlorophenol	1670	1330	80	68-100
83-32-9	Acenaphthene	1670	1400	84	73-100
208-96-8	Acenaphthylene	1670	1360	82	75-111
120-12-7	Anthracene	1670	1450	87	76-106
56-55-3	Benzo(a)anthracene	1670	1500	90	76-105
50-32-8	Benzo(a)pyrene	1670	1560	94	74-116
205-99-2	Benzo(b)fluoranthene	1670	1560	94	73-114
191-24-2	Benzo(g,h,i)perylene	1670	1450	87	67-115
207-08-9	Benzo(k)fluoranthene	1670	1660	100	72-115
101-55-3	4-Bromophenyl phenyl ether	1670	1530	92	76-102
85-68-7	Butyl benzyl phthalate	1670	1590	95	70-111
91-58-7	2-Chloronaphthalene	1670	1350	81	73-101
106-47-8	4-Chloroaniline	1670	790	47	18-101
86-74-8	Carbazole	1670	1370	82	74-113
218-01-9	Chrysene	1670	1530	92	76-102
111-91-1	bis(2-Chloroethoxy)methane	1670	1280	77	61-101
111-44-4	bis(2-Chloroethyl)ether	1670	1360	82	70-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1410	85	75-103
95-50-1	1,2-Dichlorobenzene	1670	1290	77	69-101
541-73-1	1,3-Dichlorobenzene	1670	1250	75	67-100
106-46-7	1,4-Dichlorobenzene	1670	1270	76	69-100
121-14-2	2,4-Dinitrotoluene	1670	1340	80	74-112
606-20-2	2,6-Dinitrotoluene	1670	1380	83	74-114

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-BS	W020384.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
91-94-1	3,3'-Dichlorobenzidine	1670	961	58	30-102
53-70-3	Dibenzo(a,h)anthracene	1670	1460	88	66-116
132-64-9	Dibenzofuran	1670	1380	83	75-101
84-74-2	Di-n-butyl phthalate	1670	1410	85	75-109
117-84-0	Di-n-octyl phthalate	1670	1930	116	64-128
84-66-2	Diethyl phthalate	1670	1400	84	75-109
131-11-3	Dimethyl phthalate	1670	1460	88	76-106
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1580	95	69-115
206-44-0	Fluoranthene	1670	1350	81	76-112
86-73-7	Fluorene	1670	1480	89	75-105
118-74-1	Hexachlorobenzene	1670	1430	86	76-103
87-68-3	Hexachlorobutadiene	1670	1310	79	62-91
77-47-4	Hexachlorocyclopentadiene	1670	1040	62	33-112
67-72-1	Hexachloroethane	1670	1270	76	68-104
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1410	85	67-119
78-59-1	Isophorone	1670	1420	85	74-103
91-57-6	2-Methylnaphthalene	1670	1360	82	71-100
88-74-4	2-Nitroaniline	1670	1340	80	75-109
99-09-2	3-Nitroaniline	1670	1050	63	47-103
100-01-6	4-Nitroaniline	1670	1220	73	60-113
91-20-3	Naphthalene	1670	1360	82	73-100
98-95-3	Nitrobenzene	1670	1320	79	73-101
621-64-7	N-Nitroso-di-n-propylamine	1670	1360	82	69-104
86-30-6	N-Nitrosodiphenylamine	1670	1530	92	80-113
85-01-8	Phenanthrene	1670	1490	89	76-104
129-00-0	Pyrene	1670	1670	100	70-106
120-82-1	1,2,4-Trichlorobenzene	1670	1360	82	72-100

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	81%	45-114%
4165-62-2	Phenol-d5	78%	44-124%
118-79-6	2,4,6-Tribromophenol	84%	50-128%
4165-60-0	Nitrobenzene-d5	78%	41-123%
321-60-8	2-Fluorobiphenyl	78%	46-122%

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10707-BS	W020384.D	1	06/17/04	ME	06/17/04	OP10707	SW1070

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-9

CAS No.	Surrogate Recoveries	BSP	Limits
1718-51-0	Terphenyl-d14	93%	45-135%

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	F24685-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		1790	1190	67	1170	66	2	54-104/18
59-50-7	4-Chloro-3-methyl phenol	ND		1790	1330	74	1380	78	4	57-107/17
120-83-2	2,4-Dichlorophenol	ND		1790	1330	74	1380	78	4	49-108/20
105-67-9	2,4-Dimethylphenol	ND		1790	1290	72	1320	74	2	42-94/25
51-28-5	2,4-Dinitrophenol	ND		3570	1420	40	1360	38	4	22-114/22
534-52-1	4,6-Dinitro-o-cresol	ND		3570	2190	61	2260	63	3	35-117/25
95-48-7	2-Methylphenol	ND		1790	1230	69	1200	67	2	54-100/18
	3&4-Methylphenol	ND		3570	2410	67	2450	69	2	55-102/18
88-75-5	2-Nitrophenol	ND		1790	1230	69	1250	70	2	48-108/19
100-02-7	4-Nitrophenol	ND		3570	2580	72	2690	76	4	46-116/15
87-86-5	Pentachlorophenol	ND		3570	2120	59	2240	63	6	45-112/16
108-95-2	Phenol	ND		1790	1250	70	1200	67	4	54-104/17
95-95-4	2,4,5-Trichlorophenol	ND		1790	1330	74	1390	78	4	56-108/23
88-06-2	2,4,6-Trichlorophenol	ND		1790	1300	73	1370	77	5	57-102/14
83-32-9	Acenaphthene	ND		1790	1360	76	1430	80	5	57-108/19
208-96-8	Acenaphthylene	ND		1790	1290	72	1370	77	6	60-120/17
120-12-7	Anthracene	ND		1790	1400	78	1440	81	3	68-105/16
56-55-3	Benzo(a)anthracene	ND		1790	1430	80	1480	83	3	69-104/24
50-32-8	Benzo(a)pyrene	ND		1790	1460	82	1490	84	2	66-114/26
205-99-2	Benzo(b)fluoranthene	ND		1790	1450	81	1450	81	0	64-113/19
191-24-2	Benzo(g,h,i)perylene	ND		1790	1430	80	1480	83	3	44-133/23
207-08-9	Benzo(k)fluoranthene	ND		1790	1500	84	1540	87	3	63-111/23
101-55-3	4-Bromophenyl phenyl ether	ND		1790	1410	79	1480	83	5	67-102/15
85-68-7	Butyl benzyl phthalate	ND		1790	1480	83	1520	85	3	61-113/16
91-58-7	2-Chloronaphthalene	ND		1790	1290	72	1350	76	5	60-103/15
106-47-8	4-Chloroaniline	ND		1790	918	51	961	54	5	22-104/27
86-74-8	Carbazole	ND		1790	1310	73	1370	77	4	70-109/21
218-01-9	Chrysene	ND		1790	1450	81	1520	85	5	68-102/25
111-91-1	bis(2-Chloroethoxy)methane	ND		1790	1110	62	1130	63	2	50-100/19
111-44-4	bis(2-Chloroethyl)ether	ND		1790	1240	69	1160	65	7	56-105/20
7005-72-3	4-Chlorophenyl phenyl ether	ND		1790	1340	75	1390	78	4	64-105/13
95-50-1	1,2-Dichlorobenzene	ND		1790	1060	59	1050	59	1	55-99/18
541-73-1	1,3-Dichlorobenzene	ND		1790	1030	58	1020	57	1	53-98/19
106-46-7	1,4-Dichlorobenzene	ND		1790	1030	58	1030	58	0	55-99/19
121-14-2	2,4-Dinitrotoluene	ND		1790	1280	72	1360	76	6	66-107/14
606-20-2	2,6-Dinitrotoluene	ND		1790	1320	74	1410	79	7	67-110/13

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Compound	F24685-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
91-94-1	3,3'-Dichlorobenzidine	ND		1790	773	43	824	46	6	25-103/24
53-70-3	Dibenzo(a,h)anthracene	ND		1790	1410	79	1420	80	1	48-130/21
132-64-9	Dibenzofuran	ND		1790	1310	73	1380	78	5	65-102/13
84-74-2	Di-n-butyl phthalate	ND		1790	1360	76	1440	81	6	62-114/16
117-84-0	Di-n-octyl phthalate	ND		1790	1650	92	1670	94	1	61-120/18
84-66-2	Diethyl phthalate	ND		1790	1320	74	1390	78	5	67-104/13
131-11-3	Dimethyl phthalate	ND		1790	1310	73	1410	79	7	66-104/13
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1790	1460	82	1500	84	3	62-115/16
206-44-0	Fluoranthene	ND		1790	1320	74	1400	79	6	58-122/22
86-73-7	Fluorene	ND		1790	1400	78	1470	83	5	64-107/21
118-74-1	Hexachlorobenzene	ND		1790	1370	77	1440	81	5	66-103/16
87-68-3	Hexachlorobutadiene	ND		1790	1160	65	1130	63	3	49-90/18
77-47-4	Hexachlorocyclopentadiene	ND		1790	737	41	756	42	3	10-99/34
67-72-1	Hexachloroethane	ND		1790	1040	58	1040	58	0	51-103/19
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1790	1420	80	1500	84	5	48-132/23
78-59-1	Isophorone	ND		1790	1240	69	1290	72	4	61-104/17
91-57-6	2-Methylnaphthalene	ND		1790	1170	66	1220	69	4	59-99/21
88-74-4	2-Nitroaniline	ND		1790	1360	76	1430	80	5	65-109/14
99-09-2	3-Nitroaniline	ND		1790	1160	65	1210	68	4	44-98/21
100-01-6	4-Nitroaniline	ND		1790	1190	67	1270	71	7	54-109/19
91-20-3	Naphthalene	ND		1790	1180	66	1170	66	1	59-100/21
98-95-3	Nitrobenzene	ND		1790	1160	65	1160	65	0	59-102/18
621-64-7	N-Nitroso-di-n-propylamine	ND		1790	1190	67	1160	65	3	55-106/19
86-30-6	N-Nitrosodiphenylamine	ND		1790	1390	78	1470	83	6	69-116/16
85-01-8	Phenanthrene	ND		1790	1410	79	1500	84	6	65-105/24
129-00-0	Pyrene	ND		1790	1540	86	1580	89	3	62-107/26
120-82-1	1,2,4-Trichlorobenzene	ND		1790	1180	66	1170	66	1	58-101/17

CAS No.	Surrogate Recoveries	MS	MSD	F24685-6	Limits
367-12-4	2-Fluorophenol	71%	66%	69%	45-114%
4165-62-2	Phenol-d5	73%	69%	69%	44-124%
118-79-6	2,4,6-Tribromophenol	76%	78%	76%	50-128%
4165-60-0	Nitrobenzene-d5	67%	65%	67%	41-123%
321-60-8	2-Fluorobiphenyl	72%	72%	71%	46-122%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10685-MS	L021957.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
OP10685-MSD	L021958.D	1	06/16/04	ME	06/15/04	OP10685	SL1178
F24685-6	L021956.D	1	06/16/04	ME	06/15/04	OP10685	SL1178

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-11, F24685-12, F24685-13

CAS No.	Surrogate Recoveries	MS	MSD	F24685-6	Limits
1718-51-0	Terphenyl-d14	81%	81%	79%	45-135%

ACCUTEST laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-MS	W020357.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
OP10678-MSD	W020358.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
F24683-3	W020356.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Compound	F24683-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		104	88.3	85	91.7	88	4	53-102/24
59-50-7	4-Chloro-3-methyl phenol	ND		104	88.7	85	92.6	89	4	60-101/18
120-83-2	2,4-Dichlorophenol	ND		104	92.9	89	96.0	92	3	55-100/24
105-67-9	2,4-Dimethylphenol	ND		104	86.3	83	90.6	87	5	36-98/26
51-28-5	2,4-Dinitrophenol	ND		208	179	86	158	76	12	14-135/39
534-52-1	4,6-Dinitro-o-cresol	ND		208	203	97	191	92	6	40-127/24
95-48-7	2-Methylphenol	ND		104	82.6	79	87.6	84	6	46-100/23
	3&4-Methylphenol	ND		208	159	76	168	81	6	43-100/23
88-75-5	2-Nitrophenol	ND		104	96.1	92	97.9	94	2	53-104/25
100-02-7	4-Nitrophenol	ND		208	108	52	105	50	3	32-81/28
87-86-5	Pentachlorophenol	ND		208	194	93	191	92	2	44-118/16
108-95-2	Phenol	ND		104	57.3	55	60.6	58	6	31-77/26
95-95-4	2,4,5-Trichlorophenol	ND		104	88.3	85	95.6	92	8	61-102/18
88-06-2	2,4,6-Trichlorophenol	ND		104	91.7	88	93.6	90	2	55-103/21
83-32-9	Acenaphthene	ND		104	95.7	92	99.8	96	4	60-103/20
208-96-8	Acenaphthylene	ND		104	90.1	86	94.4	91	5	67-113/20
120-12-7	Anthracene	ND		104	93.3	90	97.3	93	4	71-105/14
56-55-3	Benzo(a)anthracene	ND		104	99.6	96	101	97	1	70-103/16
50-32-8	Benzo(a)pyrene	ND		104	101	97	104	100	3	70-113/16
205-99-2	Benzo(b)fluoranthene	ND		104	100	96	105	101	5	67-110/17
191-24-2	Benzo(g,h,i)perylene	ND		104	91.4	88	96.4	93	5	63-111/17
207-08-9	Benzo(k)fluoranthene	ND		104	107	103	104	100	3	68-110/17
101-55-3	4-Bromophenyl phenyl ether	ND		104	98.2	94	102	98	4	68-102/16
85-68-7	Butyl benzyl phthalate	ND		104	102	98	104	100	2	65-108/17
91-58-7	2-Chloronaphthalene	ND		104	89.6	86	94.8	91	6	58-101/22
106-47-8	4-Chloroaniline	ND		104	59.6	57	64.6	62	8	39-101/21
86-74-8	Carbazole	ND		104	88.9	85	91.5	88	3	71-109/16
218-01-9	Chrysene	ND		104	101	97	104	100	3	70-100/18
111-91-1	bis(2-Chloroethoxy)methane	ND		104	87.2	84	88.6	85	2	49-100/24
111-44-4	bis(2-Chloroethyl)ether	ND		104	93.7	90	95.3	91	2	54-103/24
7005-72-3	4-Chlorophenyl phenyl ether	ND		104	93.7	90	97.7	94	4	65-103/18
95-50-1	1,2-Dichlorobenzene	ND		104	89.4	86	91.0	87	2	50-101/22
541-73-1	1,3-Dichlorobenzene	ND		104	85.4	82	86.4	83	1	50-100/23
106-46-7	1,4-Dichlorobenzene	ND		104	86.7	83	88.4	85	2	51-101/23
121-14-2	2,4-Dinitrotoluene	ND		104	88.7	85	93.2	89	5	65-110/16
606-20-2	2,6-Dinitrotoluene	ND		104	93.2	89	96.0	92	3	65-111/19

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-MS	W020357.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
OP10678-MSD	W020358.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
F24683-3	W020356.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Compound	F24683-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
91-94-1	3,3'-Dichlorobenzidine	ND		104	32.0	31	42.9	41	29*	18-112/22
53-70-3	Dibenzo(a,h)anthracene	ND		104	92.7	89	95.2	91	3	62-111/20
132-64-9	Dibenzofuran	ND		104	91.2	88	95.5	92	5	64-102/17
84-74-2	Di-n-butyl phthalate	ND		104	92.4	89	95.7	92	4	68-107/17
117-84-0	Di-n-octyl phthalate	ND		104	121	116	122	117	1	58-126/23
84-66-2	Diethyl phthalate	ND		104	95.5	92	100	96	5	59-110/18
131-11-3	Dimethyl phthalate	ND		104	98.0	94	102	98	4	45-116/25
117-81-7	bis(2-Ethylhexyl)phthalate	ND		104	104	100	104	100	0	55-120/22
206-44-0	Fluoranthene	ND		104	89.0	85	90.6	87	2	67-108/17
86-73-7	Fluorene	ND		104	97.5	94	103	99	5	65-105/17
118-74-1	Hexachlorobenzene	ND		104	96.1	92	99.1	95	3	69-102/16
87-68-3	Hexachlorobutadiene	ND		104	89.6	86	92.1	88	3	45-93/26
77-47-4	Hexachlorocyclopentadiene	ND		104	60.3	58	66.6	64	10	20-92/34
67-72-1	Hexachloroethane	ND		104	86.8	83	89.0	85	3	51-105/26
193-39-5	Indeno(1,2,3-cd)pyrene	ND		104	89.5	86	92.8	89	4	66-111/19
78-59-1	Isophorone	ND		104	95.9	92	98.9	95	3	59-103/23
91-57-6	2-Methylnaphthalene	ND		104	90.7	87	92.7	89	2	56-100/23
88-74-4	2-Nitroaniline	ND		104	90.9	87	95.5	92	5	66-107/18
99-09-2	3-Nitroaniline	ND		104	75.3	72	85.6	82	13	47-107/26
100-01-6	4-Nitroaniline	ND		104	77.1	74	84.8	81	10	48-119/21
91-20-3	Naphthalene	ND		104	92.2	89	92.9	89	1	52-102/23
98-95-3	Nitrobenzene	ND		104	91.3	88	94.2	90	3	56-103/25
621-64-7	N-Nitroso-di-n-propylamine	ND		104	90.9	87	93.0	89	2	57-103/24
86-30-6	N-Nitrosodiphenylamine	ND		104	99.0	95	101	97	2	72-112/16
85-01-8	Phenanthrene	ND		104	101	97	102	98	1	69-103/15
129-00-0	Pyrene	ND		104	111	107	113	108*	2	64-107/21
120-82-1	1,2,4-Trichlorobenzene	ND		104	91.7	88	93.3	90	2	54-102/24

CAS No.	Surrogate Recoveries	MS	MSD	F24683-3	Limits
367-12-4	2-Fluorophenol	72%	75%	49%	19-90%
4165-62-2	Phenol-d5	53%	56%	30%	10-68%
118-79-6	2,4,6-Tribromophenol	91%	93%	91%	36-137%
4165-60-0	Nitrobenzene-d5	86%	87%	78%	49-119%
321-60-8	2-Fluorobiphenyl	82%	87%	79%	45-118%

ACCUTEST Laboratories

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10678-MS	W020357.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
OP10678-MSD	W020358.D	1	06/16/04	ME	06/15/04	OP10678	SW1068
F24683-3	W020356.D	1	06/16/04	ME	06/15/04	OP10678	SW1068

The QC reported here applies to the following samples: Method: SW846 8270C

F24685-14

CAS No.	Surrogate Recoveries	MS	MSD	F24683-3	Limits
1718-51-0	Terphenyl-d14	95%	100%	98%	46-135%

ACCUTEST Laboratories

Semivolatile Surrogate Recovery Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Method: SW846 8270C Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
F24685-14	W020351.D	58.0	36.0	92.0	87.0	86.0	104.0
OP10678-BS	W020345.D	53.0	32.0	87.0	81.0	81.0	92.0
OP10678-MB	W020346.D	52.0	31.0	86.0	85.0	80.0	98.0
OP10678-MB	W020379.D	53.0	31.0	80.0	85.0	82.0	100.0
OP10678-MS	W020357.D	72.0	53.0	91.0	86.0	82.0	95.0
OP10678-MSD	W020358.D	75.0	56.0	93.0	87.0	87.0	100.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	19-90%
S2 = Phenol-d5	10-68%
S3 = 2,4,6-Tribromophenol	36-137%
S4 = Nitrobenzene-d5	49-119%
S5 = 2-Fluorobiphenyl	45-118%
S6 = Terphenyl-d14	46-135%

ACCUTEST Laboratories

Semivolatile Surrogate Recovery Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Method: SW846 8270C Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
F24685-1	L021951.D	60.0	63.0	68.0	56.0	63.0	71.0
F24685-2	L021952.D	64.0	67.0	73.0	61.0	67.0	76.0
F24685-3	L021965.D	69.0	72.0	78.0	66.0	71.0	78.0
F24685-4	L021954.D	70.0	72.0	77.0	66.0	70.0	77.0
F24685-5	L021955.D	65.0	67.0	74.0	61.0	65.0	74.0
F24685-6	L021956.D	69.0	69.0	76.0	67.0	71.0	79.0
F24685-7	L021959.D	73.0	75.0	80.0	72.0	74.0	84.0
F24685-8	L021960.D	68.0	69.0	77.0	67.0	70.0	82.0
F24685-9	W020386.D	71.0	70.0	77.0	68.0	72.0	91.0
F24685-11	L021962.D	73.0	74.0	77.0	71.0	74.0	80.0
F24685-12	L021963.D	71.0	71.0	74.0	68.0	69.0	82.0
F24685-13	L021964.D	70.0	71.0	71.0	70.0	70.0	78.0
OP10685-BS	L021953.D	80.0	81.0	90.0	76.0	80.0	91.0
OP10685-MB	L021948.D	81.0	81.0	83.0	77.0	78.0	95.0
OP10685-MS	L021957.D	71.0	73.0	76.0	67.0	72.0	81.0
OP10685-MSD	L021958.D	66.0	69.0	78.0	65.0	72.0	81.0
OP10707-BS	W020384.D	81.0	78.0	84.0	78.0	78.0	93.0
OP10707-MB	W020385.D	59.0	57.0	50.0	57.0	54.0	65.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	45-114%
S2 = Phenol-d5	44-124%
S3 = 2,4,6-Tribromophenol	50-128%
S4 = Nitrobenzene-d5	41-123%
S5 = 2-Fluorobiphenyl	46-122%
S6 = Terphenyl-d14	45-135%

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1171-DFTPP	Injection Date:	06/07/04
Lab File ID:	L021792.D	Injection Time:	12:55
Instrument ID:	GCMSL		

4.4

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	128779	39.6		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	125525	38.6		Pass
70	Less than 2.0% of mass 69	671	0.21	(0.53) [a]	Pass
127	40.0 - 60.0% of mass 198	155115	47.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	325120	100.0		Pass
199	5.0 - 9.0% of mass 198	21654	6.7		Pass
275	10.0 - 30.0% of mass 198	70211	21.6		Pass
365	1.0 - 100.0% of mass 198	7080	2.2		Pass
441	Present, but less than mass 443	32845	10.1	(75.1) [b]	Pass
442	40.0 - 100.0% of mass 198	220971	68.0		Pass
443	17.0 - 23.0% of mass 442	43707	13.4	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1171-IC1171	L021793.D	06/07/04	13:14	00:19	Initial cal 5
SL1171-IC1171	L021794.D	06/07/04	13:45	00:50	Initial cal 25
SL1171-IC1171	L021795.D	06/07/04	14:15	01:20	Initial cal 50
SL1171-ICC1171	L021796.D	06/07/04	14:45	01:50	Initial cal 75
SL1171-IC1171	L021797.D	06/07/04	15:15	02:20	Initial cal 100
SL1171-IC1171	L021798.D	06/07/04	15:46	02:51	Initial cal 125
SL1171-ICV1171	L021799.D	06/07/04	16:18	03:23	Initial cal verification 50
OP10604-LBS	L021800.D	06/07/04	16:51	03:56	Blank Spike
OP10604-LB	L021801.D	06/07/04	17:23	04:28	Leachate Blank
F24336-1	L021802.D	06/07/04	17:55	05:00	(used for QC only; not part of job F24685)
OP10604-MS	L021803.D	06/07/04	18:27	05:32	Matrix Spike
OP10604-MSD	L021804.D	06/07/04	18:59	06:04	Matrix Spike Duplicate
ZZZZZZ	L021805.D	06/07/04	19:30	06:35	(unrelated sample)
ZZZZZZ	L021806.D	06/07/04	20:02	07:07	(unrelated sample)
ZZZZZZ	L021807.D	06/07/04	20:33	07:38	(unrelated sample)
ZZZZZZ	L021808.D	06/07/04	21:04	08:09	(unrelated sample)
ZZZZZZ	L021809.D	06/07/04	21:34	08:39	(unrelated sample)
ZZZZZZ	L021810.D	06/07/04	22:05	09:10	(unrelated sample)
ZZZZZZ	L021811.D	06/07/04	22:36	09:41	(unrelated sample)

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1171-DFTPP	Injection Date:	06/07/04
Lab File ID:	L021792.D	Injection Time:	12:55
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F24413-6	L021812.D	06/07/04	23:06	10:11	(used for QC only; not part of job F24685)
OP10604-DUP	L021813.D	06/07/04	23:37	10:42	Duplicate
ZZZZZZ	L021814.D	06/08/04	00:07	11:12	(unrelated sample)
OP10604-LS	L021815.D	06/08/04	00:38	11:43	Leachate Spike

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

Response Factor Report MSBNA02

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Initial Calibration

Calibration Files
5 =L021793.D 25 =L021794.D 50 =L021795.D 75 =L021796.D
100 =L021797.D 125 =L021798.D icv =L021799.D

Compound	5	25	50	75	100	125	icv	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	----------ISTD----------								
2) 1,4-Dioxane	0.487	0.494	0.485	0.493	0.496	0.484		0.490	1.05
3) N-nitrosodimethyl	0.616	0.660	0.654	0.645	0.641	0.643		0.643	2.33
4) Pyridine	1.235	1.332	1.335	1.362	1.328	1.397		1.331	4.04
5) Benzaldehyde	0.943	1.070	1.076	1.001	1.033	1.039		1.027	4.79
6) Aniline	1.991	2.078	1.990	1.973	1.957	1.895		1.981	3.00
7)S 2-Fluorophenol	1.127	1.214	1.177	1.183	1.165	1.150		1.169	2.53
8) bis(2-Chloroethyl	1.210	1.208	1.190	1.170	1.173	1.171		1.187	1.56
9)S Phenol-d5	1.543	1.588	1.527	1.517	1.490	1.458		1.520	2.93
10)C Phenol	1.732	1.837	1.783	1.764	1.755	1.738		1.768	2.18
11) 2-Chlorophenol	1.331	1.433	1.395	1.429	1.420	1.430		1.406	2.81
12) 1,3-Dichlorobenze	1.535	1.592	1.562	1.555	1.500	1.500		1.541	2.35
13)C 1,4-Dichlorobenze	1.546	1.587	1.568	1.565	1.529	1.501		1.549	1.99
14) 1,2-Dichlorobenze	1.447	1.510	1.459	1.450	1.441	1.421		1.455	2.07
15) Benzyl alcohol	0.829	0.890	0.904	0.905	0.930	0.932		0.899	4.19
16) bis(2-chloroisopr	1.979	1.960	1.849	1.783	1.736	1.685		1.832	6.53
17) 2-Methylphenol	1.165	1.235	1.224	1.226	1.229	1.211		1.215	2.11
18) Acetophenone	1.698	1.870	1.894	1.811	1.890	2.031		1.866	5.85
19) Hexachloroethane	0.512	0.553	0.549	0.563	0.558	0.548		0.547	3.29
20)P N-Nitroso-di-n-pr	0.919	0.951	0.939	0.902	0.937	0.937		0.931	1.87
21) 3&4-Methylphenol	1.224	1.325	1.302	1.290	1.336	1.328		1.301	3.18
22) I Naphthalene-d8	----------ISTD----------								
23)S Nitrobenzene-d5	0.336	0.364	0.357	0.368	0.366	0.354		0.357	3.26
24) Nitrobenzene	0.331	0.365	0.355	0.361	0.354	0.346		0.352	3.43
25) Isophorone	0.627	0.659	0.646	0.642	0.652	0.627		0.642	2.03
26)C 2-Nitrophenol	0.163	0.201	0.196	0.200	0.202	0.200		0.194	7.82
27) 2,4-Dimethylpheno	0.316	0.361	0.354	0.355	0.347	0.341		0.346	4.66
28) bis(2-Chloroethox	0.376	0.392	0.381	0.386	0.375	0.367		0.380	2.30
29) Benzoic Acid	0.120	0.203	0.215	0.229	0.232	0.249		0.208	22.19
---- Quadratic regression ---- Coefficient = 0.9994									
Response Ratio = -0.00752 + 0.20024 *A + 0.01596 *A^2									
30)C 2,4-Dichloropheno	0.274	0.307	0.308	0.311	0.305	0.296		0.300	4.62
31) 1,2,4-Trichlorobe	0.311	0.324	0.323	0.320	0.304	0.299		0.313	3.29
32) Naphthalene	1.008	1.035	1.013	0.980	0.967	0.948		0.992	3.27
33) 4-Chloroaniline	0.439	0.464	0.453	0.456	0.451	0.436		0.450	2.39
34) 2,6-Dichloropheno	0.287	0.305	0.303	0.302	0.294	0.292		0.297	2.36
35)C Hexachlorobutadie	0.155	0.163	0.160	0.158	0.156	0.149		0.157	3.12
36) Caprolactam	0.102	0.127	0.128	0.128	0.133	0.143		0.127	10.81
37)C 4-Chloro-3-methyl	0.273	0.305	0.308	0.317	0.321	0.319		0.307	5.89
38) 2-Methylnaphthale	0.685	0.695	0.684	0.689	0.685	0.662		0.684	1.64
39) 1-Methylnaphthale	0.653	0.700	0.673	0.666	0.665	0.647		0.667	2.78
40) 1,2,4,5-Tetrachlo	0.319	0.328	0.323	0.324	0.322	0.313		0.321	1.66
41) I Acenaphthene-d10	----------ISTD----------								

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

42)P	Hexachlorocyclope	0.089	0.211	0.248	0.270	0.282	0.289	0.231	32.49
	---- Quadratic regression ---- Coefficient = 0.9997								
	Response Ratio = -0.02658 + 0.25540 *A + 0.01392 *A^2								
43)C	2,4,6-Trichloroph	0.347	0.391	0.386	0.387	0.390	0.399	0.383	4.75
44)	2,4,5-Trichloroph	0.371	0.418	0.417	0.410	0.425	0.434	0.412	5.33
45)S	2-Fluorobiphenyl	1.392	1.406	1.375	1.347	1.320	1.334	1.362	2.50
46)	1,1'-Biphenyl	1.440	1.615	1.577	1.503	1.519	1.598	1.542	4.32
47)	2-Chloronaphthale	1.201	1.236	1.161	1.158	1.147	1.150	1.175	3.02
48)	2-Nitroaniline	0.314	0.377	0.381	0.383	0.397	0.410	0.377	8.77
49)	Acenaphthylene	1.901	2.006	1.918	1.910	1.919	1.889	1.924	2.17
50)	Dimethylphthalate	1.408	1.478	1.446	1.414	1.439	1.452	1.440	1.78
51)	2,6-Dinitrotoluen	0.282	0.335	0.320	0.321	0.329	0.336	0.320	6.31
52)C	Acenaphthene	1.199	1.225	1.193	1.171	1.165	1.167	1.187	1.99
53)	3-Nitroaniline	0.338	0.389	0.393	0.382	0.393	0.398	0.382	5.86
54)P	2,4-Dinitrophenol	0.053	0.120	0.153	0.171	0.195	0.212	0.151	38.27
	---- Quadratic regression ---- Coefficient = 0.9998								
	Response Ratio = -0.01053 + 0.12213 *A + 0.03007 *A^2								
55)	Dibenzofuran	1.702	1.752	1.748	1.663	1.691	1.715	1.712	2.00
56)	2,4-Dinitrotoluen	0.380	0.452	0.470	0.463	0.475	0.495	0.456	8.72
57)P	4-Nitrophenol	0.126	0.167	0.179	0.184	0.195	0.205	0.176	15.64
	---- Quadratic regression ---- Coefficient = 0.9999								
	Response Ratio = -0.00274 + 0.16025 *A + 0.01440 *A^2								
58)	2,3,4,6-Tetrachlo	0.241	0.307	0.322	0.320	0.324	0.326	0.307	10.73
59)	Fluorene	1.349	1.402	1.382	1.354	1.358	1.379	1.370	1.49
60)	4-Chlorophenyl-ph	0.648	0.656	0.643	0.637	0.633	0.639	0.643	1.32
61)	Diethylphthalate	1.390	1.437	1.397	1.385	1.399	1.427	1.406	1.51
62)	4-Nitroaniline	0.309	0.392	0.404	0.394	0.418	0.435	0.392	11.13
63) I	Phenanthrene-d10	----------ISTD----------							
64)	4,6-Dinitro-2-met	0.071	0.131	0.151	0.150	0.164	0.165	0.139	25.45
	---- Quadratic regression ---- Coefficient = 0.9990								
	Response Ratio = -0.01027 + 0.14615 *A + 0.00744 *A^2								
65)C	n-Nitrosodiphenyl	0.565	0.614	0.595	0.580	0.578	0.553	0.581	3.71
66)	1,2-Diphenylhydra	0.675	0.735	0.741	0.735	0.727	0.706	0.720	3.53
67)S	2,4,6-Tribromophe	0.068	0.081	0.084	0.084	0.085	0.081	0.081	7.79
68)	4-Bromophenyl-phe	0.179	0.198	0.198	0.194	0.200	0.192	0.193	3.89
69)	Hexachlorobenzene	0.181	0.193	0.187	0.187	0.192	0.181	0.187	2.64
70)	Atrazine	0.194	0.240	0.249	0.231	0.237	0.246	0.233	8.63
71)C	Pentachlorophenol	0.039	0.070	0.082	0.095	0.099	0.101	0.081	29.46
	---- Quadratic regression ---- Coefficient = 0.9988								
	Response Ratio = -0.00935 + 0.08620 *A + 0.00601 *A^2								
72)	Phenanthrene	1.134	1.167	1.151	1.111	1.133	1.091	1.131	2.42
73)	Anthracene	1.129	1.193	1.201	1.163	1.150	1.135	1.162	2.59
74)	Carbazole	1.067	1.144	1.161	1.096	1.090	1.113	1.112	3.18
75)	Di-n-butylphthala	1.168	1.283	1.325	1.267	1.276	1.260	1.263	4.12
76)C	Fluoranthene	1.150	1.222	1.236	1.159	1.219	1.198	1.197	2.98
77) I	Chrysene-d12	----------ISTD----------							
78)	Benzidine	0.730	0.969	0.987	0.971	0.939	0.941	0.923	10.42
79)	Pyrene	1.356	1.438	1.360	1.355	1.294	1.262	1.344	4.55
80)S	Terphenyl-d14	0.771	0.830	0.788	0.778	0.748	0.747	0.777	3.95
81)	Butylbenzylphthal	0.528	0.626	0.631	0.626	0.599	0.618	0.605	6.51
82)	3,3'-Dichlorobenz	0.403	0.452	0.453	0.455	0.451	0.446	0.443	4.56
83)	Benzo[a]anthracen	1.149	1.250	1.212	1.216	1.199	1.202	1.205	2.70
84)	Chrysene	1.099	1.172	1.131	1.109	1.111	1.081	1.117	2.80

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1171-ICC1171
Lab FileID: L021796.D

85)	bis(2-Ethylhexyl)	0.733	0.853	0.864	0.854	0.831	0.823	0.826	5.83
86) I	Perylene-d12	----------ISTD----------							
87)C	Di-n-octylphthala	1.616	1.954	2.054	2.005	1.927	1.816	1.895	8.38
88)	Benzo[b]fluoranth	1.558	1.714	1.710	1.702	1.614	1.689	1.664	3.86
89)	Benzo[k]fluoranth	1.522	1.682	1.651	1.621	1.581	1.420	1.580	6.08
90)C	Benzo[a]pyrene	1.458	1.563	1.582	1.611	1.539	1.507	1.543	3.56
91)	Indeno[1,2,3-cd]p	1.404	1.512	1.629	1.650	1.692	1.629	1.586	6.77
92)	Dibenz[a,h]anthra	1.355	1.444	1.491	1.470	1.443	1.411	1.436	3.33
93)	Benzo[g,h,i]peryl	1.520	1.612	1.655	1.705	1.638	1.603	1.622	3.81

(#) = Out of Range

8270C.M Tue Jun 08 09:22:49 2004

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1178-DFTPP	Injection Date:	06/16/04
Lab File ID:	L021942.D	Injection Time:	07:56
Instrument ID:	GCMSL		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	169621	42.5		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	161694	40.5		Pass
70	Less than 2.0% of mass 69	856	0.21	(0.53) [a]	Pass
127	40.0 - 60.0% of mass 198	197376	49.4		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	399168	100.0		Pass
199	5.0 - 9.0% of mass 198	27174	6.8		Pass
275	10.0 - 30.0% of mass 198	85760	21.5		Pass
365	1.0 - 100.0% of mass 198	9316	2.3		Pass
441	Present, but less than mass 443	35225	8.8	(72.5) [b]	Pass
442	40.0 - 100.0% of mass 198	244040	61.1		Pass
443	17.0 - 23.0% of mass 442	48566	12.2	(19.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SL1178-CC1171	L021943.D	06/16/04	08:15	00:19	Continuing cal 75
OP10674-MB	L021944.D	06/16/04	08:45	00:49	Method Blank
ZZZZZZ	L021945.D	06/16/04	09:15	01:19	(unrelated sample)
ZZZZZZ	L021946.D	06/16/04	09:45	01:49	(unrelated sample)
OP10685-MB	L021948.D	06/16/04	10:45	02:49	Method Blank
ZZZZZZ	L021950.D	06/16/04	11:47	03:51	(unrelated sample)
F24685-1	L021951.D	06/16/04	12:17	04:21	C03D-06C-06-0604
F24685-2	L021952.D	06/16/04	12:48	04:52	C03D-06C-12-0604
OP10685-BS	L021953.D	06/16/04	13:18	05:22	Blank Spike
F24685-4	L021954.D	06/16/04	13:50	05:54	C03D-10C-06-0604
F24685-5	L021955.D	06/16/04	14:21	06:25	C03D-10C-12-0604
F24685-6	L021956.D	06/16/04	14:52	06:56	C03D-10C-24-0604
OP10685-MS	L021957.D	06/16/04	15:24	07:28	Matrix Spike
OP10685-MSD	L021958.D	06/16/04	15:55	07:59	Matrix Spike Duplicate
F24685-7	L021959.D	06/16/04	16:27	08:31	C03D-07C-06-0604
F24685-8	L021960.D	06/16/04	16:58	09:02	C03D-07C-12-0604
F24685-11	L021962.D	06/16/04	18:01	10:05	C03D-11C-06-0604
F24685-12	L021963.D	06/16/04	18:32	10:36	C03D-11C-12-0604
F24685-13	L021964.D	06/16/04	19:04	11:08	C03D-11C-24-0604

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SL1178-DFTPP	Injection Date:	06/16/04
Lab File ID:	L021942.D	Injection Time:	07:56
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F24685-3	L021965.D	06/16/04	19:35	11:39	C03D-06C-24-0604

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061604\L021943.D
Acq On : 16 Jun 2004 8:15 am
Sample : cc1171-75
Misc : op10674,sl1178,30.0,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA02
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Mon Jun 07 16:42:35 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.02	4.96
2		1,4-Dioxane	0.490	0.512	-4.5	101	-0.02	2.55
3		N-nitrosodimethylamine	0.643	0.715	-11.2	108	-0.02	2.88
4		Pyridine	1.331	1.323	0.6	94	-0.02	2.89
5		Benzaldehyde	1.027	1.055	-2.7	102	-0.02	4.63
6		Aniline	1.981	2.002	-1.1	98	-0.02	4.74
7	S	2-Fluorophenol	1.169	1.180	-0.9	97	-0.02	4.04
8		bis(2-Chloroethyl)ether	1.187	1.202	-1.3	100	-0.02	4.77
9	S	Phenol-d5	1.520	1.522	-0.1	97	-0.02	4.74
10	C	Phenol	1.768	1.829	-3.5	101	-0.02	4.75
11		2-Chlorophenol	1.406	1.445	-2.8	98	-0.02	4.84
12		1,3-Dichlorobenzene	1.541	1.581	-2.6	99	-0.02	4.93
13	C	1,4-Dichlorobenzene	1.549	1.574	-1.6	98	-0.02	4.97
14		1,2-Dichlorobenzene	1.455	1.494	-2.7	100	-0.02	5.13
15		Benzyl alcohol	0.899	0.855	4.9	92	-0.02	5.10
16		bis(2-chloroisopropyl)eth	1.832	1.888	-3.1	103	-0.02	5.21
17		2-Methylphenol	1.215	1.231	-1.3	97	-0.02	5.21
18		Acetophenone	1.866	1.934	-3.6	104	-0.02	5.31
19		Hexachloroethane	0.547	0.585	-6.9	101	-0.02	5.39
20	P	N-Nitroso-di-n-propylamin	0.931	0.962	-3.3	103	-0.02	5.33
21		3&4-Methylphenol	1.301	1.326	-1.9	100	-0.02	5.33
22	I	Naphthalene-d8	1.000	1.000	0.0	98	-0.02	6.13
23	S	Nitrobenzene-d5	0.357	0.374	-4.8	100	-0.02	5.45
24		Nitrobenzene	0.352	0.364	-3.4	99	-0.02	5.47
25		Isophorone	0.642	0.651	-1.4	99	-0.02	5.68
26	C	2-Nitrophenol	0.194	0.206	-6.2	101	-0.02	5.76
27		2,4-Dimethylphenol	0.346	0.358	-3.5	99	-0.02	5.81
28		bis(2-Chloroethoxy)methan	0.380	0.379	0.3	96	-0.03	5.88
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	75.000	67.366	10.2	85	-0.03	5.94
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.300	0.309	-3.0	98	-0.02	6.01
31		1,2,4-Trichlorobenzene	0.313	0.328	-4.8	100	-0.03	6.09
32		Naphthalene	0.992	1.003	-1.1	100	-0.02	6.15
33		4-Chloroaniline	0.450	0.449	0.2	97	-0.02	6.23
34		2,6-Dichlorophenol	0.297	0.303	-2.0	98	-0.02	6.25
35	C	Hexachlorobutadiene	0.157	0.172	-9.6	106	-0.03	6.34
36		Caprolactam	0.127	0.125	1.6	96	-0.03	6.60
37	C	4-Chloro-3-methylphenol	0.307	0.317	-3.3	98	-0.03	6.82

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

38		2-Methylnaphthalene	0.684	0.685	-0.1	97	-0.03	6.96
39		1-Methylnaphthalene	0.667	0.668	-0.1	98	-0.02	7.10
40		1,2,4,5-Tetrachlorobenzen	0.321	0.334	-4.0	101	-0.03	7.23
41	I	Acenaphthene-d10	1.000	1.000	0.0	94	-0.03	8.47
		----------	Amount	Calc.	%Drift		----------	
42	P	Hexachlorocyclopentadiene	75.000	75.820	-1.1	94	-0.02	7.25
		----------	AvgRF	CCRF	%Dev		----------	
43	C	2,4,6-Trichlorophenol	0.383	0.401	-4.7	97	-0.02	7.38
44		2,4,5-Trichlorophenol	0.412	0.427	-3.6	98	-0.03	7.44
45	S	2-Fluorobiphenyl	1.362	1.395	-2.4	97	-0.03	7.47
46		1,1'-Biphenyl	1.542	1.587	-2.9	99	-0.03	7.60
47		2-Chloronaphthalene	1.175	1.188	-1.1	97	-0.03	7.61
48		2-Nitroaniline	0.377	0.399	-5.8	98	-0.03	7.82
49		Acenaphthylene	1.924	1.967	-2.2	97	-0.03	8.23
50		Dimethylphthalate	1.440	1.445	-0.3	96	-0.03	8.15
51		2,6-Dinitrotoluene	0.320	0.332	-3.8	97	-0.03	8.24
52	C	Acenaphthene	1.187	1.208	-1.8	97	-0.03	8.52
53		3-Nitroaniline	0.382	0.384	-0.5	95	-0.03	8.46
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	75.000	70.148	6.5	87	-0.03	8.62
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.712	1.719	-0.4	97	-0.03	8.77
56		2,4-Dinitrotoluene	0.456	0.472	-3.5	96	-0.03	8.87
		----------	Amount	Calc.	%Drift		----------	
57	P	4-Nitrophenol	75.000	77.328	-3.1	99	-0.02	8.81
		----------	AvgRF	CCRF	%Dev		----------	
58		2,3,4,6-Tetrachlorophenol	0.307	0.320	-4.2	94	-0.03	9.07
59		Fluorene	1.370	1.376	-0.4	96	-0.03	9.34
60		4-Chlorophenyl-phenylethe	0.643	0.650	-1.1	96	-0.03	9.36
61		Diethylphthalate	1.406	1.421	-1.1	97	-0.03	9.30
62		4-Nitroaniline	0.392	0.397	-1.3	95	-0.03	9.48
63	I	Phenanthrene-d10	1.000	1.000	0.0	94	-0.03	10.95
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	75.000	76.987	-2.6	100	-0.03	9.55
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.581	0.599	-3.1	97	-0.03	9.59
66		1,2-Diphenylhydrazine	0.720	0.749	-4.0	96	-0.03	9.63
67	S	2,4,6-Tribromophenol	0.081	0.086	-6.2	96	-0.03	9.79
68		4-Bromophenyl-phenylether	0.193	0.205	-6.2	100	-0.03	10.19
69		Hexachlorobenzene	0.187	0.195	-4.3	98	-0.03	10.43
70		Atrazine	0.233	0.245	-5.2	100	-0.03	10.62
		----------	Amount	Calc.	%Drift		----------	
71	C	Pentachlorophenol	75.000	73.144	2.5	89	-0.03	10.78
		----------	AvgRF	CCRF	%Dev		----------	
72		Phenanthrene	1.131	1.142	-1.0	97	-0.03	10.99
73		Anthracene	1.162	1.179	-1.5	95	-0.03	11.07
74		Carbazole	1.112	1.120	-0.7	96	-0.03	11.42
75		Di-n-butylphthalate	1.263	1.344	-6.4	100	-0.04	12.25

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SL1178-CC1171
Lab FileID: L021943.D

76	C	Fluoranthene	1.197	1.228	-2.6	100	-0.03	13.18
77	I	Chrysene-d12	1.000	1.000	0.0	95	-0.03	15.90
78		Benzidine	0.923	0.961	-4.1	94	-0.04	13.51
79		Pyrene	1.344	1.403	-4.4	99	-0.03	13.59
80	S	Terphenyl-d14	0.777	0.811	-4.4	100	-0.04	13.99
81		Butylbenzylphthalate	0.605	0.652	-7.8	99	-0.03	15.05
82		3,3'-Dichlorobenzidine	0.443	0.460	-3.8	96	-0.03	15.93
83		Benzo[a]anthracene	1.205	1.226	-1.7	96	-0.03	15.87
84		Chrysene	1.117	1.115	0.2	96	-0.03	15.95
85		bis(2-Ethylhexyl)phthalat	0.826	0.865	-4.7	97	-0.03	16.26
86	I	Perylene-d12	1.000	1.000	0.0	93	-0.03	18.42
87	C	Di-n-octylphthalate	1.895	2.063	-8.9	96	-0.03	17.38
88		Benzo[b]fluoranthene	1.664	1.721	-3.4	94	-0.03	17.82
89		Benzo[k]fluoranthene	1.580	1.650	-4.4	95	-0.04	17.85
90	C	Benzo[a]pyrene	1.543	1.627	-5.4	94	-0.03	18.33
91		Indeno[1,2,3-cd]pyrene	1.586	1.618	-2.0	91	-0.04	20.04
92		Dibenz[a,h]anthracene	1.436	1.466	-2.1	93	-0.04	20.08
93		Benzo[g,h,i]perylene	1.622	1.659	-2.3	90	-0.03	20.40

(#) = Out of Range SPCC's out = 0 CCC's out = 0
L021796.D 8270C.M Wed Jun 16 12:52:53 2004

4.1

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1064-DFTPP	Injection Date:	06/09/04
Lab File ID:	W020219.D	Injection Time:	14:11
Instrument ID:	GCMSW		

4.4

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	36693	47.8		Pass
68	Less than 2.0% of mass 69	200	0.26	(0.63) [a]	Pass
69	Mass 69 relative abundance	31819	41.4		Pass
70	Less than 2.0% of mass 69	131	0.17	(0.41) [a]	Pass
127	40.0 - 60.0% of mass 198	41779	54.4		Pass
197	Less than 1.0% of mass 198	469	0.61		Pass
198	Base peak, 100% relative abundance	76779	100.0		Pass
199	5.0 - 9.0% of mass 198	5155	6.7		Pass
275	10.0 - 30.0% of mass 198	14061	18.3		Pass
365	1.0 - 100.0% of mass 198	1519	2.0		Pass
441	Present, but less than mass 443	7332	9.5	(83.1) [b]	Pass
442	40.0 - 100.0% of mass 198	46107	60.1		Pass
443	17.0 - 23.0% of mass 442	8819	11.5	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SW1064-IC1064	W020220.D	06/09/04	14:30	00:19	Initial cal 5
SW1064-IC1064	W020221.D	06/09/04	15:01	00:50	Initial cal 25
SW1064-IC1064	W020222.D	06/09/04	15:32	01:21	Initial cal 50
SW1064-ICC1064	W020223.D	06/09/04	16:03	01:52	Initial cal 75
SW1064-IC1064	W020224.D	06/09/04	16:34	02:23	Initial cal 100
SW1064-IC1064	W020225.D	06/09/04	17:04	02:53	Initial cal 125
SW1064-ICV1064	W020226.D	06/09/04	17:35	03:24	Initial cal verification 50
OP10581-BS	W020227.D	06/09/04	18:06	03:55	Blank Spike
OP10581-MB	W020228.D	06/09/04	18:37	04:26	Method Blank
ZZZZZZ	W020229.D	06/09/04	19:07	04:56	(unrelated sample)
ZZZZZZ	W020230.D	06/09/04	19:37	05:26	(unrelated sample)
ZZZZZZ	W020231.D	06/09/04	20:08	05:57	(unrelated sample)
ZZZZZZ	W020232.D	06/09/04	20:38	06:27	(unrelated sample)
ZZZZZZ	W020233.D	06/09/04	21:08	06:57	(unrelated sample)
ZZZZZZ	W020234.D	06/09/04	21:38	07:27	(unrelated sample)
ZZZZZZ	W020235.D	06/09/04	22:08	07:57	(unrelated sample)
ZZZZZZ	W020236.D	06/09/04	22:37	08:26	(unrelated sample)
F24290-4	W020237.D	06/09/04	23:07	08:56	(used for QC only; not part of job F24685)
OP10581-MS	W020238.D	06/09/04	23:37	09:26	Matrix Spike

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1064-DFTPP	Injection Date:	06/09/04
Lab File ID:	W020219.D	Injection Time:	14:11
Instrument ID:	GCMSW		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
OP10581-MSD	W020239.D	06/10/04	00:06	09:55	Matrix Spike Duplicate
ZZZZZZ	W020240.D	06/10/04	00:36	10:25	(unrelated sample)
ZZZZZZ	W020241.D	06/10/04	01:05	10:54	(unrelated sample)
ZZZZZZ	W020242.D	06/10/04	01:35	11:24	(unrelated sample)

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

Response Factor Report MSBNA01

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Initial Calibration

Calibration Files
5 =W020220.D 25 =W020221.D 50 =W020222.D 75 =W020223.D
100 =W020224.D 125 =W020225.D icv =W020226.D

Compound	5	25	50	75	100	125	icv	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	----------ISTD----------								
2) 1,4-Dioxane	0.569	0.585	0.589	0.592	0.589	0.580		0.584	1.41
3) N-nitrosodimethyl	0.622	0.674	0.680	0.675	0.666	0.682		0.667	3.39
4) Pyridine	1.423	1.524	1.503	1.470	1.491	1.500		1.485	2.37
5) Benzaldehyde	1.081	1.167	1.109	0.957	0.817			1.026	13.62
6) Aniline	2.178	2.261	2.247	2.196	2.126	2.149		2.193	2.43
7)S 2-Fluorophenol	1.323	1.387	1.385	1.349	1.341	1.336		1.354	1.97
8) bis(2-Chloroethyl	1.298	1.403	1.330	1.393	1.408	1.366		1.366	3.24
9)S Phenol-d5	1.686	1.756	1.725	1.659	1.630	1.629		1.681	3.09
10)C Phenol	1.854	1.983	1.945	1.872	1.826	1.820		1.883	3.52
11) 2-Chlorophenol	1.468	1.542	1.545	1.519	1.514	1.509		1.516	1.84
12) 1,3-Dichlorobenze	1.556	1.615	1.590	1.586	1.582	1.578		1.585	1.20
13)C 1,4-Dichlorobenze	1.592	1.673	1.654	1.616	1.588	1.593		1.619	2.23
14) 1,2-Dichlorobenze	1.481	1.509	1.526	1.499	1.474	1.471		1.493	1.45
15) Benzyl alcohol	0.937	1.015	1.005	0.994	0.988	0.992		0.988	2.73
16) bis(2-chloroisopr	2.521	2.798	2.788	2.665	2.684	2.657		2.686	3.78
17) 2-Methylphenol	1.338	1.377	1.369	1.336	1.310	1.324		1.342	1.93
18) Acetophenone	1.737	1.942	2.016	1.869	1.875	1.968		1.901	5.16
19) Hexachloroethane	0.597	0.644	0.641	0.628	0.633	0.634		0.630	2.70
20)P N-Nitroso-di-n-pr	0.952	0.974	0.975	0.954	0.960	0.943		0.960	1.32
21) 3&4-Methylphenol	1.357	1.421	1.442	1.394	1.369	1.363		1.391	2.47
22) I Naphthalene-d8	----------ISTD----------								
23)S Nitrobenzene-d5	0.340	0.368	0.370	0.366	0.363	0.364		0.362	3.04
24) Nitrobenzene	0.346	0.360	0.360	0.362	0.356	0.357		0.357	1.58
25) Isophorone	0.608	0.625	0.636	0.625	0.622	0.627		0.624	1.46
26)C 2-Nitrophenol	0.179	0.190	0.194	0.196	0.194	0.197		0.192	3.41
27) 2,4-Dimethylpheno	0.344	0.364	0.361	0.360	0.350	0.351		0.355	2.19
28) bis(2-Chloroethox	0.386	0.417	0.412	0.404	0.402	0.400		0.404	2.65
29) Benzoic Acid	0.147	0.242	0.262	0.272	0.271	0.287		0.247	20.72
---- Linear regression ---- Coefficient = 0.9983									
Response Ratio = -0.02855 + 0.28968 *A									
30)C 2,4-Dichloropheno	0.254	0.267	0.273	0.271	0.268	0.266		0.267	2.45
31) 1,2,4-Trichlorobe	0.291	0.299	0.298	0.300	0.296	0.292		0.296	1.31
32) Naphthalene	1.009	1.068	1.042	1.039	1.026	1.022		1.034	1.95
33) 4-Chloroaniline	0.413	0.430	0.425	0.427	0.418	0.411		0.421	1.88
34) 2,6-Dichloropheno	0.256	0.270	0.270	0.267	0.262	0.258		0.264	2.31
35)C Hexachlorobutadie	0.145	0.148	0.147	0.148	0.147	0.145		0.147	1.00
36) Caprolactam	0.082	0.107	0.104	0.100	0.096	0.096		0.097	8.81
37)C 4-Chloro-3-methyl	0.286	0.293	0.292	0.288	0.285	0.287		0.288	1.14
38) 2-Methylnaphthale	0.617	0.645	0.626	0.636	0.624	0.612		0.627	1.97
39) 1-Methylnaphthale	0.602	0.625	0.614	0.616	0.593	0.596		0.608	2.07
40) 1,2,4,5-Tetrachlo	0.252	0.262	0.256	0.252	0.252	0.251		0.254	1.70
41) I Acenaphthene-d10	----------ISTD----------								

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

42)P	Hexachlorocyclope	0.359	0.404	0.414	0.420	0.433	0.440	0.412	6.95
43)C	2,4,6-Trichloroph	0.385	0.418	0.409	0.417	0.419	0.430	0.413	3.73
44)	2,4,5-Trichloroph	0.419	0.448	0.438	0.442	0.438	0.438	0.437	2.24
45)S	2-Fluorobiphenyl	1.354	1.454	1.426	1.421	1.451	1.452	1.426	2.68
46)	1,1'-Biphenyl	1.584	1.729	1.731	1.654	1.679	1.792	1.695	4.27
47)	2-Chloronaphthale	1.264	1.327	1.289	1.285	1.265	1.303	1.289	1.86
48)	2-Nitroaniline	0.380	0.410	0.423	0.413	0.414	0.430	0.411	4.15
49)	Acenaphthylene	2.010	2.104	2.101	2.076	2.097	2.119	2.085	1.89
50)	Dimethylphthalate	1.331	1.350	1.312	1.270	1.271	1.298	1.305	2.46
51)	2,6-Dinitrotoluen	0.287	0.317	0.311	0.310	0.309	0.313	0.308	3.47
52)C	Acenaphthene	1.251	1.280	1.279	1.268	1.266	1.293	1.273	1.14
53)	3-Nitroaniline	0.371	0.396	0.401	0.384	0.380	0.385	0.386	2.87
54)P	2,4-Dinitrophenol	0.091	0.162	0.195	0.196	0.204	0.209	0.176	25.38

---- Quadratic regression ---- Coefficient = 0.9997
Response Ratio = -0.01577 + 0.19444 *A + 0.00624 *A^2

55)	Dibenzofuran	1.627	1.697	1.668	1.644	1.643	1.665	1.657	1.49
56)	2,4-Dinitrotoluen	0.398	0.410	0.413	0.404	0.405	0.415	0.407	1.49
57)P	4-Nitrophenol	0.185	0.201	0.207	0.207	0.198	0.209	0.201	4.43
58)	2,3,4,6-Tetrachlo	0.303	0.319	0.326	0.319	0.314	0.321	0.317	2.50
59)	Fluorene	1.283	1.336	1.306	1.284	1.282	1.299	1.298	1.61
60)	4-Chlorophenyl-ph	0.625	0.623	0.611	0.596	0.596	0.602	0.609	2.11
61)	Diethylphthalate	1.327	1.409	1.376	1.319	1.346	1.356	1.356	2.46
62)	4-Nitroaniline	0.347	0.386	0.380	0.368	0.358	0.371	0.368	3.79
63) I	Phenanthrene-d10	----------ISTD----------							
64)	4,6-Dinitro-2-met	0.090	0.137	0.151	0.153	0.160	0.162	0.142	19.04

---- Quadratic regression ---- Coefficient = 0.9999
Response Ratio = -0.00805 + 0.14876 *A + 0.00527 *A^2

65)C	n-Nitrosodiphenyl	0.577	0.620	0.605	0.607	0.610	0.598	0.603	2.38
66)	1,2-Diphenylhydra	0.880	0.929	0.908	0.908	0.915	0.999	0.923	4.40
67)S	2,4,6-Tribromophe	0.075	0.084	0.083	0.083	0.085	0.083	0.082	4.20
68)	4-Bromophenyl-phe	0.183	0.192	0.192	0.192	0.194	0.192	0.191	2.00
69)	Hexachlorobenzene	0.179	0.180	0.178	0.176	0.177	0.175	0.177	1.08
70)	Atrazine	0.193	0.212	0.208	0.190	0.193	0.204	0.200	4.56
71)C	Pentachlorophenol	0.101	0.121	0.123	0.124	0.128	0.125	0.120	8.31
72)	Phenanthrene	1.188	1.204	1.218	1.203	1.198	1.187	1.200	0.96
73)	Anthracene	1.230	1.276	1.247	1.224	1.229	1.192	1.233	2.26
74)	Carbazole	1.030	1.066	1.043	1.017	1.039	1.021	1.036	1.74
75)	Di-n-butylphthala	1.299	1.419	1.409	1.374	1.404	1.401	1.384	3.19
76)C	Fluoranthene	1.021	1.086	1.073	1.042	1.041	1.038	1.050	2.32
77) I	Chrysene-d12	----------ISTD----------							
78)	Benzidine	0.996	1.091	1.070	1.070	1.022	0.954	1.034	5.08
79)	Pyrene	1.577	1.663	1.629	1.659	1.662	1.633	1.637	2.02
80)S	Terphenyl-d14	0.844	0.902	0.886	0.899	0.904	0.881	0.886	2.54
81)	Butylbenzylphthal	0.726	0.815	0.841	0.835	0.836	0.829	0.814	5.40
82)	3,3'-Dichlorobenz	0.413	0.437	0.439	0.437	0.427	0.422	0.429	2.39
83)	Benzo[a]anthracen	1.255	1.290	1.291	1.282	1.272	1.254	1.274	1.31
84)	Chrysene	1.172	1.221	1.199	1.195	1.179	1.189	1.193	1.44
85)	bis(2-Ethylhexyl)	0.963	1.090	1.093	1.113	1.151	1.112	1.087	5.93
86) I	Perylene-d12	----------ISTD----------							
87)C	Di-n-octylphthala	2.403	2.840	2.872	2.849	3.006	3.015	2.831	7.90
88)	Benzo[b]fluoranth	1.609	1.776	1.780	1.820	1.793	1.955	1.789	6.20
89)	Benzo[k]fluoranth	1.712	1.767	1.740	1.729	1.704	1.625	1.713	2.82
90)C	Benzo[a]pyrene	1.472	1.633	1.607	1.626	1.619	1.660	1.603	4.15
91)	Indeno[1,2,3-cd]p	1.117	1.230	1.256	1.313	1.301	1.355	1.262	6.63
92)	Dibenz[a,h]anthra	1.014	1.229	1.200	1.257	1.271	1.242	1.202	7.95

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICC1064
Lab FileID: W020223.D

93)	Benzo[g,h,i]peryl	1.287	1.362	1.328	1.368	1.386	1.363	1.349	2.64

(#) = Out of Range

8270C.M Wed Jun 16 09:17:29 2004 MSBNA01

4.7

ACCUTEST laboratories

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\060904\W020226.D
Acq On : 9 Jun 2004 5:35 pm
Sample : icv1064-50
Misc : op10551,sw1064,30.8,,,1,1,soil
MS Integration Params: LSCINT.P

Vial: 8
Operator: marke
Inst : MSBNA01
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	97	0.00	5.26
2		1,4-Dioxane	50.000	49.238	1.5	0	0.04	2.05
3		N-nitrosodimethylamine	50.000	53.625	-7.2	0	0.02	2.67
4		Pyridine	50.000	43.801	12.4	0	0.02	2.64
5		Benzaldehyde		----------NA----------				
6		Aniline	50.000	14.816	70.4#	0	0.00	5.01
7	S	2-Fluorophenol		----------NA----------				
8		bis(2-Chloroethyl)ether	50.000	50.381	-0.8	0	0.00	5.06
9	S	Phenol-d5		----------NA----------				
10	C	Phenol	50.000	48.847	2.3	0	0.00	5.00
11		2-Chlorophenol	50.000	49.417	1.2	0	0.00	5.10
12		1,3-Dichlorobenzene	50.000	47.905	4.2	0	0.00	5.23
13	C	1,4-Dichlorobenzene	50.000	48.597	2.8	0	0.00	5.27
14		1,2-Dichlorobenzene	50.000	48.832	2.3	0	0.00	5.44
15		Benzyl alcohol	50.000	48.110	3.8	0	0.00	5.40
16		bis(2-chloroisopropyl)eth	50.000	51.591	-3.2	0	0.00	5.53
17		2-Methylphenol	50.000	48.684	2.6	0	0.00	5.51
18		Acetophenone	50.000	49.771	0.5	0	0.00	5.64
19		Hexachloroethane	50.000	48.251	3.5	0	0.00	5.72
20	P	N-Nitroso-di-n-propylamin	50.000	50.579	-1.2	0	0.00	5.67
21		3&4-Methylphenol	100.000	95.227	4.8	0	0.00	5.64
22	I	Naphthalene-d8	40.000	40.000	0.0	100	0.00	6.50
23	S	Nitrobenzene-d5		----------NA----------				
24		Nitrobenzene	50.000	48.217	3.6	0	0.00	5.80
25		Isophorone	50.000	51.805	-3.6	0	0.00	6.03
26	C	2-Nitrophenol	50.000	50.604	-1.2	0	0.00	6.11
27		2,4-Dimethylphenol	50.000	49.532	0.9	0	0.00	6.14
28		bis(2-Chloroethoxy)methan	50.000	46.172	7.7	0	0.00	6.25
29		Benzoic Acid	100.000	97.055	2.9	0	0.00	6.31
30	C	2,4-Dichlorophenol	50.000	49.894	0.2	0	0.00	6.35
31		1,2,4-Trichlorobenzene	50.000	48.842	2.3	0	0.00	6.45
32		Naphthalene	50.000	49.682	0.6	0	0.00	6.52
33		4-Chloroaniline	50.000	27.439	45.1#	0	0.00	6.59
34		2,6-Dichlorophenol	50.000	45.526	8.9	0	0.00	6.60
35	C	Hexachlorobutadiene	50.000	47.945	4.1	0	0.00	6.72
36		Caprolactam	50.000	51.681	-3.4	0	-0.02	6.99
37	C	4-Chloro-3-methylphenol	50.000	49.555	0.9	0	0.00	7.15
38		2-Methylnaphthalene	50.000	49.288	1.4	0	0.00	7.34
39		1-Methylnaphthalene	50.000	51.697	-3.4	0	0.00	7.48
40		1,2,4,5-Tetrachlorobenzen	50.000	47.621	4.8	0	0.00	7.61

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

41	I	Acenaphthene-d10	40.000	40.000	0.0	100	0.00	8.85
42	P	Hexachlorocyclopentadiene	50.000	43.010	14.0	0	0.00	7.63
43	C	2,4,6-Trichlorophenol	50.000	48.187	3.6	0	0.00	7.74
44		2,4,5-Trichlorophenol	50.000	48.693	2.6	0	0.00	7.79
45	S	2-Fluorobiphenyl		----------NA----------				
46		1,1'-Biphenyl	50.000	48.505	3.0	0	0.00	7.98
47		2-Chloronaphthalene	50.000	48.728	2.5	0	0.00	7.99
48		2-Nitroaniline	50.000	51.019	-2.0	0	0.00	8.18
49		Acenaphthylene	50.000	49.111	1.8	0	0.00	8.61
50		Dimethylphthalate	50.000	51.839	-3.7	0	-0.01	8.53
51		2,6-Dinitrotoluene	50.000	49.594	0.8	0	0.00	8.62
52	C	Acenaphthene	50.000	51.318	-2.6	0	0.00	8.90
53		3-Nitroaniline	50.000	30.627	38.7#	0	-0.01	8.82
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	100.000	101.394	-1.4	0	0.00	8.99
		----------	Amount	Calc.	%Drift		----------	
55		Dibenzofuran	50.000	48.679	2.6	0	0.00	9.15
56		2,4-Dinitrotoluene	50.000	50.492	-1.0	0	0.00	9.24
57	P	4-Nitrophenol	100.000	99.419	0.6	0	0.00	9.10
58		2,3,4,6-Tetrachlorophenol	50.000	46.258	7.5	0	0.00	9.42
59		Fluorene	50.000	53.980	-8.0	0	0.00	9.72
60		4-Chlorophenyl-phenylethe	50.000	50.524	-1.0	0	0.00	9.74
61		Diethylphthalate	50.000	51.529	-3.1	0	0.00	9.69
62		4-Nitroaniline	50.000	47.807	4.4	0	-0.01	9.84
63	I	Phenanthrene-d10	40.000	40.000	0.0	105	0.00	11.32
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	100.000	102.360	-2.4	0	0.00	9.91
		----------	Amount	Calc.	%Drift		----------	
65	C	n-Nitrosodiphenylamine	50.000	49.948	0.1	0	0.00	9.96
66		1,2-Diphenylhydrazine	50.000	49.789	0.4	0	0.00	10.01
67	S	2,4,6-Tribromophenol		----------NA----------				
68		4-Bromophenyl-phenylether	50.000	49.186	1.6	0	0.00	10.57
69		Hexachlorobenzene	50.000	48.264	3.5	0	0.00	10.80
70		Atrazine	50.000	19.819	60.4#	0	0.00	10.98
71	C	Pentachlorophenol	100.000	103.129	-3.1	0	0.00	11.12
72		Phenanthrene	50.000	51.439	-2.9	0	0.00	11.36
73		Anthracene	50.000	50.558	-1.1	0	0.00	11.44
74		Carbazole	50.000	49.856	0.3	0	0.00	11.76
75		Di-n-butylphthalate	50.000	49.272	1.5	0	0.00	12.62
76	C	Fluoranthene	50.000	49.440	1.1	0	0.00	13.54
77	I	Chrysene-d12	40.000	40.000	0.0	112	0.00	16.25
78		Benzidine		----------NA----------				
79		Pyrene	50.000	49.826	0.3	0	0.00	13.94
80	S	Terphenyl-d14		----------NA----------				
81		Butylbenzylphthalate	50.000	49.375	1.3	0	0.00	15.42
82		3,3'-Dichlorobenzidine	50.000	34.432	31.1#	0	0.00	16.26
83		Benzo[a]anthracene	50.000	50.760	-1.5	0	0.00	16.21
84		Chrysene	50.000	51.961	-3.9	0	0.00	16.29
85		bis(2-Ethylhexyl)phthalat	50.000	50.013	-0.0	0	0.00	16.62
86	I	Perylene-d12	40.000	40.000	0.0	110	0.00	18.75
87	C	Di-n-octylphthalate	50.000	55.913	-11.8	0	0.00	17.73
88		Benzo[b]fluoranthene	50.000	51.225	-2.5	0	0.00	18.14
89		Benzo[k]fluoranthene	50.000	52.189	-4.4	0	0.00	18.19

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1064-ICV1064
Lab FileID: W020226.D

90	C	Benzo[a]pyrene	50.000	52.840	-5.7	0	0.00	18.66
91		Indeno[1,2,3-cd]pyrene	50.000	49.419	1.2	0	0.00	20.34
92		Dibenz[a,h]anthracene	50.000	50.780	-1.6	0	0.00	20.39
93		Benzo[g,h,i]perylene	50.000	51.023	-2.0	0	0.00	20.70

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W020226.D 8270C.M Wed Jun 16 09:17:43 2004 MSBNA01

4.1

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1068-DFTPP	Injection Date:	06/16/04
Lab File ID:	W020335.D	Injection Time:	10:45
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	50104	52.0		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	42720	44.3		Pass
70	Less than 2.0% of mass 69	188	0.2	(0.44) [a]	Pass
127	40.0 - 60.0% of mass 198	52691	54.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	96339	100.0		Pass
199	5.0 - 9.0% of mass 198	6530	6.8		Pass
275	10.0 - 30.0% of mass 198	17269	17.9		Pass
365	1.0 - 100.0% of mass 198	1659	1.7		Pass
441	Present, but less than mass 443	7653	7.9	(81.8) [b]	Pass
442	40.0 - 100.0% of mass 198	48960	50.8		Pass
443	17.0 - 23.0% of mass 442	9360	9.7	(19.1) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SW1068-CC1064	W020336.D	06/16/04	11:04	00:19	Continuing cal 75
OP10654-MB	W020337.D	06/16/04	11:33	00:48	Method Blank
ZZZZZZ	W020338.D	06/16/04	12:03	01:18	(unrelated sample)
ZZZZZZ	W020339.D	06/16/04	12:33	01:48	(unrelated sample)
ZZZZZZ	W020340.D	06/16/04	13:03	02:18	(unrelated sample)
OP10675-MB	W020343.D	06/16/04	14:33	03:48	Method Blank
OP10678-BS	W020345.D	06/16/04	15:33	04:48	Blank Spike
OP10678-MB	W020346.D	06/16/04	16:03	05:18	Method Blank
ZZZZZZ	W020347.D	06/16/04	16:34	05:49	(unrelated sample)
ZZZZZZ	W020349.D	06/16/04	17:35	06:50	(unrelated sample)
ZZZZZZ	W020350.D	06/16/04	18:05	07:20	(unrelated sample)
F24685-14	W020351.D	06/16/04	18:35	07:50	KWRB060804
ZZZZZZ	W020352.D	06/16/04	19:04	08:19	(unrelated sample)
ZZZZZZ	W020353.D	06/16/04	19:34	08:49	(unrelated sample)
ZZZZZZ	W020354.D	06/16/04	20:04	09:19	(unrelated sample)
ZZZZZZ	W020355.D	06/16/04	20:34	09:49	(unrelated sample)
F24683-3	W020356.D	06/16/04	21:03	10:18	(used for QC only; not part of job F24685)
OP10678-MS	W020357.D	06/16/04	21:32	10:47	Matrix Spike
OP10678-MSD	W020358.D	06/16/04	22:02	11:17	Matrix Spike Duplicate

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1068-CC1064
Lab FileID: W020336.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061604\W020336.D
Acq On : 16 Jun 2004 11:04 am
Sample : cc1064-75
Misc : op10675,sw1068,980,,,1,1,water
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA01
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00	5.25
2		1,4-Dioxane	0.584	0.626	-7.2	120	-0.05	1.96
3		N-nitrosodimethylamine	0.667	0.649	2.7	109	-0.03	2.62
4		Pyridine	1.485	1.514	-2.0	117	-0.03	2.59
5		Benzaldehyde	1.026	1.101	-7.3	131	0.00	4.88
6		Aniline	2.193	2.185	0.4	113	0.00	5.01
7	S	2-Fluorophenol	1.354	1.399	-3.3	118	0.00	4.18
8		bis(2-Chloroethyl)ether	1.366	1.335	2.3	109	-0.01	5.06
9	S	Phenol-d5	1.681	1.665	1.0	114	0.00	4.99
10	C	Phenol	1.883	1.878	0.3	114	0.00	5.00
11		2-Chlorophenol	1.516	1.528	-0.8	114	0.00	5.10
12		1,3-Dichlorobenzene	1.585	1.615	-1.9	116	0.00	5.22
13	C	1,4-Dichlorobenzene	1.619	1.655	-2.2	117	0.00	5.27
14		1,2-Dichlorobenzene	1.493	1.522	-1.9	116	0.00	5.43
15		Benzyl alcohol	0.988	0.974	1.4	111	0.00	5.40
16		bis(2-chloroisopropyl)eth	2.686	2.725	-1.5	116	-0.01	5.53
17		2-Methylphenol	1.342	1.329	1.0	113	0.00	5.51
18		Acetophenone	1.901	1.896	0.3	115	-0.01	5.64
19		Hexachloroethane	0.630	0.644	-2.2	117	-0.01	5.71
20	P	N-Nitroso-di-n-propylamin	0.960	0.938	2.3	112	-0.01	5.67
21		3&4-Methylphenol	1.391	1.361	2.2	111	0.00	5.64
22	I	Naphthalene-d8	1.000	1.000	0.0	111	0.00	6.49
23	S	Nitrobenzene-d5	0.362	0.371	-2.5	112	0.00	5.78
24		Nitrobenzene	0.357	0.363	-1.7	111	0.00	5.80
25		Isophorone	0.624	0.630	-1.0	112	-0.01	6.03
26	C	2-Nitrophenol	0.192	0.198	-3.1	112	0.00	6.11
27		2,4-Dimethylphenol	0.355	0.359	-1.1	111	0.00	6.14
28		bis(2-Chloroethoxy)methan	0.404	0.415	-2.7	114	0.00	6.24
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	75.000	67.497	10.0	100	-0.03	6.28
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.267	0.275	-3.0	112	0.00	6.35
31		1,2,4-Trichlorobenzene	0.296	0.306	-3.4	113	0.00	6.44
32		Naphthalene	1.034	1.053	-1.8	112	-0.01	6.51
33		4-Chloroaniline	0.421	0.431	-2.4	112	0.00	6.59
34		2,6-Dichlorophenol	0.264	0.267	-1.1	111	0.00	6.60
35	C	Hexachlorobutadiene	0.147	0.152	-3.4	114	-0.01	6.70
36		Caprolactam	0.097	0.097	0.0	108	-0.02	7.00
37	C	4-Chloro-3-methylphenol	0.288	0.286	0.7	110	0.00	7.15

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1068-CC1064
Lab FileID: W020336.D

38		2-Methylnaphthalene	0.627	0.640	-2.1	111	-0.01	7.33
39		1-Methylnaphthalene	0.608	0.626	-3.0	113	0.00	7.47
40		1,2,4,5-Tetrachlorobenzen	0.254	0.256	-0.8	113	-0.01	7.60
41	I	Acenaphthene-d10	1.000	1.000	0.0	110	0.00	8.84
42	P	Hexachlorocyclopentadiene	0.412	0.425	-3.2	111	0.00	7.63
43	C	2,4,6-Trichlorophenol	0.413	0.422	-2.2	111	0.00	7.73
44		2,4,5-Trichlorophenol	0.437	0.444	-1.6	110	0.00	7.79
45	S	2-Fluorobiphenyl	1.426	1.434	-0.6	111	0.00	7.85
46		1,1'-Biphenyl	1.695	1.724	-1.7	114	-0.01	7.97
47		2-Chloronaphthalene	1.289	1.315	-2.0	112	-0.01	7.98
48		2-Nitroaniline	0.411	0.408	0.7	109	-0.01	8.18
49		Acenaphthylene	2.085	2.072	0.6	110	-0.01	8.60
50		Dimethylphthalate	1.305	1.303	0.2	113	-0.01	8.52
51		2,6-Dinitrotoluene	0.308	0.305	1.0	108	-0.01	8.61
52	C	Acenaphthene	1.273	1.271	0.2	110	0.00	8.90
53		3-Nitroaniline	0.386	0.376	2.6	107	0.00	8.82
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	75.000	68.153	9.1	99	-0.01	8.98
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.657	1.653	0.2	110	-0.01	9.14
56		2,4-Dinitrotoluene	0.407	0.404	0.7	110	-0.01	9.23
57	P	4-Nitrophenol	0.201	0.184	8.5	98	0.00	9.10
58		2,3,4,6-Tetrachlorophenol	0.317	0.317	0.0	109	0.00	9.42
59		Fluorene	1.298	1.293	0.4	111	-0.01	9.71
60		4-Chlorophenyl-phenylethe	0.609	0.605	0.7	111	-0.01	9.73
61		Diethylphthalate	1.356	1.312	3.2	109	-0.01	9.68
62		4-Nitroaniline	0.368	0.353	4.1	105	-0.02	9.83
63	I	Phenanthrene-d10	1.000	1.000	0.0	107	0.00	11.31
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	75.000	74.360	0.9	107	-0.02	9.90
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.603	0.620	-2.8	110	-0.01	9.96
66		1,2-Diphenylhydrazine	0.923	0.936	-1.4	110	-0.01	10.00
67	S	2,4,6-Tribromophenol	0.082	0.086	-4.9	110	-0.01	10.15
68		4-Bromophenyl-phenylether	0.191	0.198	-3.7	110	-0.01	10.56
69		Hexachlorobenzene	0.177	0.186	-5.1	113	0.00	10.79
70		Atrazine	0.200	0.201	-0.5	113	0.00	10.98
71	C	Pentachlorophenol	0.120	0.122	-1.7	105	0.00	11.11
72		Phenanthrene	1.200	1.207	-0.6	107	-0.01	11.36
73		Anthracene	1.233	1.240	-0.6	108	-0.01	11.44
74		Carbazole	1.036	1.008	2.7	106	-0.01	11.76
75		Di-n-butylphthalate	1.384	1.384	0.0	108	-0.01	12.61
76	C	Fluoranthene	1.050	1.015	3.3	104	0.00	13.53
77	I	Chrysene-d12	1.000	1.000	0.0	95	0.00	16.24
78		Benzidine	1.034	1.070	-3.5	95	-0.01	13.86
79		Pyrene	1.637	1.808	-10.4	104	0.00	13.94
80	S	Terphenyl-d14	0.886	0.991	-11.9	105	0.00	14.34
81		Butylbenzylphthalate	0.814	0.855	-5.0	97	0.00	15.41
82		3,3'-Dichlorobenzidine	0.429	0.418	2.6	91	0.00	16.26
83		Benzo[a]anthracene	1.274	1.299	-2.0	96	0.00	16.21
84		Chrysene	1.193	1.210	-1.4	96	0.00	16.29
85		bis(2-Ethylhexyl)phthalat	1.087	1.124	-3.4	96	0.00	16.61

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1068-CC1064
Lab FileID: W020336.D

86	I	Perylene-d12	1.000	1.000	0.0	81	0.00	18.74
87	C	Di-n-octylphthalate	2.831	3.234	-14.2	92	-0.01	17.72
88		Benzo[b]fluoranthene	1.789	1.887	-5.5	84	-0.01	18.13
89		Benzo[k]fluoranthene	1.713	1.889	-10.3	89	0.00	18.18
90	C	Benzo[a]pyrene	1.603	1.711	-6.7	86	-0.01	18.65
91		Indeno[1,2,3-cd]pyrene	1.262	1.270	-0.6	79	-0.01	20.34
92		Dibenz[a,h]anthracene	1.202	1.223	-1.7	79	-0.01	20.38
93		Benzo[g,h,i]perylene	1.349	1.369	-1.5	81	-0.01	20.70

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W020223.D 8270C.M Wed Jun 16 16:11:13 2004 MSBNA01

4.1 4

ACCUTEST Laboratories

Instrument Performance Check (DFTPP)

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample:	SW1070-DFTPP	Injection Date:	06/17/04
Lab File ID:	W020370.D	Injection Time:	09:55
Instrument ID:	GCMSW		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	47373	50.5		Pass
68	Less than 2.0% of mass 69	0	0.0	(0.0) [a]	Pass
69	Mass 69 relative abundance	39779	42.4		Pass
70	Less than 2.0% of mass 69	306	0.33	(0.77) [a]	Pass
127	40.0 - 60.0% of mass 198	50363	53.7		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	93872	100.0		Pass
199	5.0 - 9.0% of mass 198	6400	6.8		Pass
275	10.0 - 30.0% of mass 198	16227	17.3		Pass
365	1.0 - 100.0% of mass 198	1476	1.6		Pass
441	Present, but less than mass 443	6972	7.4	(76.6) [b]	Pass
442	40.0 - 100.0% of mass 198	45996	49.0		Pass
443	17.0 - 23.0% of mass 442	9100	9.7	(19.8) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

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
SW1070-CC1064	W020371.D	06/17/04	10:13	00:18	Continuing cal 50
OP10675-BS	W020374.D	06/17/04	11:42	01:47	Blank Spike
OP10675-MB	W020375.D	06/17/04	12:12	02:17	Method Blank
ZZZZZZ	W020376.D	06/17/04	12:42	02:47	(unrelated sample)
ZZZZZZ	W020377.D	06/17/04	13:12	03:17	(unrelated sample)
ZZZZZZ	W020378.D	06/17/04	13:42	03:47	(unrelated sample)
OP10678-MB	W020379.D	06/17/04	14:13	04:18	Method Blank
ZZZZZZ	W020380.D	06/17/04	14:43	04:48	(unrelated sample)
ZZZZZZ	W020382.D	06/17/04	15:44	05:49	(unrelated sample)
ZZZZZZ	W020383.D	06/17/04	16:15	06:20	(unrelated sample)
OP10707-BS	W020384.D	06/17/04	16:46	06:51	Blank Spike
OP10707-MB	W020385.D	06/17/04	17:16	07:21	Method Blank
F24685-9	W020386.D	06/17/04	17:46	07:51	C03D-07C-24-0604

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1070-CC1064
Lab FileID: W020371.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061704\W020371.D
Acq On : 17 Jun 2004 10:13 am
Sample : cc1064-50
Misc : op10675,sw1070,990,,,1,1,water
MS Integration Params: LSCINT.P

Vial: 2
Operator: marke
Inst : MSBNA01
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8270C.M (RTE Integrator)
Title : SW846 8270C OR EPA 625
Last Update : Wed Jun 16 08:59:50 2004
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	131	0.00	5.25
2		1,4-Dioxane	0.584	0.607	-3.9	135	-0.04	1.96
3		N-nitrosodimethylamine	0.667	0.670	-0.4	129	-0.03	2.62
4		Pyridine	1.485	1.523	-2.6	133	-0.03	2.59
5		Benzaldehyde	1.026	1.163	-13.4	137	0.00	4.88
6		Aniline	2.193	2.182	0.5	127	-0.01	5.00
7	S	2-Fluorophenol	1.354	1.392	-2.8	132	0.00	4.18
8		bis(2-Chloroethyl)ether	1.366	1.385	-1.4	136	-0.01	5.06
9	S	Phenol-d5	1.681	1.692	-0.7	128	0.00	4.99
10	C	Phenol	1.883	1.878	0.3	126	0.00	5.00
11		2-Chlorophenol	1.516	1.506	0.7	128	-0.01	5.09
12		1,3-Dichlorobenzene	1.585	1.609	-1.5	132	0.00	5.22
13	C	1,4-Dichlorobenzene	1.619	1.643	-1.5	130	0.00	5.27
14		1,2-Dichlorobenzene	1.493	1.514	-1.4	130	0.00	5.43
15		Benzyl alcohol	0.988	0.971	1.7	126	-0.01	5.39
16		bis(2-chloroisopropyl)eth	2.686	2.685	0.0	126	-0.01	5.53
17		2-Methylphenol	1.342	1.313	2.2	125	0.00	5.51
18		Acetophenone	1.901	1.945	-2.3	126	-0.01	5.64
19		Hexachloroethane	0.630	0.642	-1.9	131	-0.01	5.71
20	P	N-Nitroso-di-n-propylamin	0.960	0.932	2.9	125	-0.02	5.66
21		3&4-Methylphenol	1.391	1.355	2.6	123	-0.01	5.63
22	I	Naphthalene-d8	1.000	1.000	0.0	124	-0.01	6.48
23	S	Nitrobenzene-d5	0.362	0.370	-2.2	124	-0.01	5.78
24		Nitrobenzene	0.357	0.364	-2.0	125	0.00	5.80
25		Isophorone	0.624	0.638	-2.2	124	-0.02	6.02
26	C	2-Nitrophenol	0.192	0.204	-6.2	129	-0.01	6.10
27		2,4-Dimethylphenol	0.355	0.359	-1.1	123	-0.01	6.14
28		bis(2-Chloroethoxy)methan	0.404	0.417	-3.2	125	-0.01	6.24
		----------	Amount	Calc.	%Drift		----------	
29		Benzoic Acid	50.000	45.093	9.8	112	-0.04	6.27
		----------	AvgRF	CCRF	%Dev		----------	
30	C	2,4-Dichlorophenol	0.267	0.271	-1.5	122	0.00	6.34
31		1,2,4-Trichlorobenzene	0.296	0.315	-6.4	131	0.00	6.44
32		Naphthalene	1.034	1.052	-1.7	125	-0.01	6.51
33		4-Chloroaniline	0.421	0.429	-1.9	125	-0.01	6.59
34		2,6-Dichlorophenol	0.264	0.274	-3.8	126	0.00	6.60
35	C	Hexachlorobutadiene	0.147	0.154	-4.8	129	-0.01	6.70
36		Caprolactam	0.097	0.100	-3.1	119	-0.03	6.99
37	C	4-Chloro-3-methylphenol	0.288	0.286	0.7	121	0.00	7.15

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1070-CC1064
Lab FileID: W020371.D

38		2-Methylnaphthalene	0.627	0.641	-2.2	127	-0.01	7.33
39		1-Methylnaphthalene	0.608	0.624	-2.6	126	-0.01	7.47
40		1,2,4,5-Tetrachlorobenzen	0.254	0.263	-3.5	127	-0.01	7.60
41	I	Acenaphthene-d10	1.000	1.000	0.0	121	-0.01	8.84
42	P	Hexachlorocyclopentadiene	0.412	0.420	-1.9	123	-0.01	7.62
43	C	2,4,6-Trichlorophenol	0.413	0.418	-1.2	123	0.00	7.73
44		2,4,5-Trichlorophenol	0.437	0.450	-3.0	124	0.00	7.79
45	S	2-Fluorobiphenyl	1.426	1.470	-3.1	124	-0.01	7.85
46		1,1'-Biphenyl	1.695	1.740	-2.7	121	-0.01	7.97
47		2-Chloronaphthalene	1.289	1.317	-2.2	123	-0.01	7.98
48		2-Nitroaniline	0.411	0.418	-1.7	119	-0.02	8.18
49		Acenaphthylene	2.085	2.117	-1.5	122	-0.01	8.60
50		Dimethylphthalate	1.305	1.345	-3.1	124	-0.02	8.52
51		2,6-Dinitrotoluene	0.308	0.319	-3.6	124	-0.02	8.61
52	C	Acenaphthene	1.273	1.300	-2.1	123	-0.01	8.89
53		3-Nitroaniline	0.386	0.388	-0.5	117	-0.01	8.82
		----------	Amount	Calc.	%Drift		----------	
54	P	2,4-Dinitrophenol	50.000	44.041	11.9	102	-0.02	8.97
		----------	AvgRF	CCRF	%Dev		----------	
55		Dibenzofuran	1.657	1.712	-3.3	124	-0.02	9.14
56		2,4-Dinitrotoluene	0.407	0.402	1.2	118	-0.02	9.23
57	P	4-Nitrophenol	0.201	0.181	10.0	105	0.00	9.10
58		2,3,4,6-Tetrachlorophenol	0.317	0.315	0.6	117	-0.01	9.42
59		Fluorene	1.298	1.313	-1.2	121	-0.02	9.70
60		4-Chlorophenyl-phenylethe	0.609	0.631	-3.6	125	-0.02	9.73
61		Diethylphthalate	1.356	1.387	-2.3	122	-0.02	9.67
62		4-Nitroaniline	0.368	0.341	7.3	108	-0.02	9.83
63	I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.01	11.31
		----------	Amount	Calc.	%Drift		----------	
64		4,6-Dinitro-2-methylpheno	50.000	48.375	3.3	110	-0.02	9.90
		----------	AvgRF	CCRF	%Dev		----------	
65	C	n-Nitrosodiphenylamine	0.603	0.631	-4.6	120	-0.02	9.95
66		1,2-Diphenylhydrazine	0.923	0.959	-3.9	122	-0.02	9.99
67	S	2,4,6-Tribromophenol	0.082	0.088	-7.3	122	-0.02	10.15
68		4-Bromophenyl-phenylether	0.191	0.208	-8.9	124	-0.01	10.56
69		Hexachlorobenzene	0.177	0.186	-5.1	120	-0.01	10.78
70		Atrazine	0.200	0.211	-5.5	117	-0.01	10.98
71	C	Pentachlorophenol	0.120	0.118	1.7	110	0.00	11.11
72		Phenanthrene	1.200	1.239	-3.3	117	-0.02	11.35
73		Anthracene	1.233	1.263	-2.4	117	-0.02	11.43
74		Carbazole	1.036	1.006	2.9	111	0.00	11.76
75		Di-n-butylphthalate	1.384	1.427	-3.1	117	-0.01	12.61
76	C	Fluoranthene	1.050	1.022	2.7	110	-0.01	13.53
77	I	Chrysene-d12	1.000	1.000	0.0	97	-0.01	16.23
78		Benzidine	1.034	0.965	6.7	88	-0.02	13.85
79		Pyrene	1.637	1.827	-11.6	109	-0.01	13.93
80	S	Terphenyl-d14	0.886	1.010	-14.0	111	-0.01	14.34
81		Butylbenzylphthalate	0.814	0.894	-9.8	103	-0.01	15.41
82		3,3'-Dichlorobenzidine	0.429	0.413	3.7	91	-0.01	16.26
83		Benzo[a]anthracene	1.274	1.308	-2.7	98	-0.01	16.21
84		Chrysene	1.193	1.227	-2.8	99	-0.02	16.28
85		bis(2-Ethylhexyl)phthalat	1.087	1.170	-7.6	104	-0.01	16.61

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: SW1070-CC1064
Lab FileID: W020371.D

86	I	Perylene-d12	1.000	1.000	0.0	84	-0.01	18.74
87	C	Di-n-octylphthalate	2.831	3.382	-19.5	99	-0.02	17.72
88		Benzo[b]fluoranthene	1.789	1.889	-5.6	89	-0.02	18.13
89		Benzo[k]fluoranthene	1.713	1.833	-7.0	89	-0.02	18.17
90	C	Benzo[a]pyrene	1.603	1.703	-6.2	89	-0.02	18.65
91		Indeno[1,2,3-cd]pyrene	1.262	1.282	-1.6	86	-0.01	20.34
92		Dibenz[a,h]anthracene	1.202	1.267	-5.4	89	-0.02	20.37
93		Benzo[g,h,i]perylene	1.349	1.383	-2.5	88	-0.02	20.69

(#) = Out of Range SPCC's out = 0 CCC's out = 0
W020222.D 8270C.M Thu Jun 17 16:33:58 2004 MSBNA01

4.7

ACCUTEST Laboratories

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10673-MB	ST28330.D	1	06/15/04	SKW	06/14/04	OP10673	GST891

The QC reported here applies to the following samples: Method: SW846 8082

F24685-14

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	0.40	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	0.40	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	104%	49-124%
2051-24-3	Decachlorobiphenyl	87%	26-137%

Method Blank Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10676-MB	ST28381.D	1	06/17/04	SKW	06/14/04	OP10676	GST892

The QC reported here applies to the following samples: Method: SW846 8082

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-9, F24685-10, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	17	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	17	13	ug/kg	
11141-16-5	Aroclor 1232	ND	17	13	ug/kg	
53469-21-9	Aroclor 1242	ND	17	8.3	ug/kg	
12672-29-6	Aroclor 1248	ND	17	8.3	ug/kg	
11097-69-1	Aroclor 1254	ND	17	8.3	ug/kg	
11096-82-5	Aroclor 1260	ND	17	8.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	94%	52-136%
2051-24-3	Decachlorobiphenyl	88%	49-148%

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10673-BS	ST28329.D	1	06/15/04	SKW	06/14/04	OP10673	GST891

The QC reported here applies to the following samples: Method: SW846 8082

F24685-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	4	3.9	98	75-122
11096-82-5	Aroclor 1260	4	3.3	83	71-120

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	97%	49-124%
2051-24-3	Decachlorobiphenyl	93%	26-137%

Blank Spike Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10676-BS	ST28380.D	1	06/17/04	SKW	06/14/04	OP10676	GST892

The QC reported here applies to the following samples: Method: SW846 8082

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-9, F24685-10, F24685-11, F24685-12, F24685-13

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	112	84	75-123
11096-82-5	Aroclor 1260	133	101	76	72-124

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	85%	52-136%
2051-24-3	Decachlorobiphenyl	76%	49-148%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP10676-MS	ST28391.D	2	06/17/04	SKW	06/14/04	OP10676	GST892
OP10676-MSD	ST28392.D	2	06/17/04	SKW	06/14/04	OP10676	GST892
F24685-6 [a]	ST28389.D	2	06/17/04	SKW	06/14/04	OP10676	GST892

5.3 C

The QC reported here applies to the following samples: Method: SW846 8082

F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-9, F24685-10, F24685-11, F24685-12, F24685-13

CAS No.	Compound	F24685-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		143	121	85	123	87	2	54-138/22
11096-82-5	Aroclor 1260	265		143	311	32*	334	49	7	46-138/21

CAS No.	Surrogate Recoveries	MS	MSD	F24685-6	Limits
877-09-8	Tetrachloro-m-xylene	82%	78%	79%	52-136%
2051-24-3	Decachlorobiphenyl	87%	88%	83%	49-148%

(a) All hits confirmed by dual column analysis.

ACCUTEST Laboratories

Semivolatile Surrogate Recovery Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Method: SW846 8082 Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]
F24685-1	ST28384.D	73.0	89.0
F24685-2	ST28385.D	74.0	93.0
F24685-3	ST28386.D	0.0* [b]	0.0* [b]
F24685-4	ST28387.D	71.0	94.0
F24685-5	ST28388.D	70.0	83.0
F24685-6	ST28389.D	79.0	83.0
F24685-7	ST28393.D	0.0* [b]	0.0* [b]
F24685-8	ST28394.D	73.0	87.0
F24685-9	ST28395.D	0.0* [b]	0.0* [b]
F24685-10	ST28396.D	81.0	80.0
F24685-11	ST28397.D	0.0* [b]	0.0* [b]
F24685-12	ST28398.D	81.0	81.0
F24685-13	ST28399.D	81.0	79.0
OP10676-BS	ST28380.D	85.0	76.0
OP10676-MB	ST28381.D	94.0	88.0
OP10676-MS	ST28391.D	82.0	87.0
OP10676-MSD	ST28392.D	78.0	88.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	52-136%
S2 = Decachlorobiphenyl	49-148%

(a) Recovery from GC signal #1
(b) Outside control limits due to dilution.

5.4 C

ACCUTEST Laboratories

GC Surrogate Retention Time Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Check Std:	GST891-CC885	Injection Date:	06/15/04
Lab File ID:	ST28324.D	Injection Time:	08:47
Instrument ID:	GCST	Method:	SW846 8082

	S1 [a] RT	S2 [a] RT
Check Std	3.09	7.84

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
OP10673-BS	ST28329.D	06/15/04	10:00	3.09	7.84
OP10673-MB	ST28330.D	06/15/04	10:14	3.09	7.83
ZZZZZZ	ST28331.D	06/15/04	10:27	3.09	7.83
ZZZZZZ	ST28332.D	06/15/04	10:41	3.09	7.83
ZZZZZZ	ST28333.D	06/15/04	10:54	3.09	7.83
ZZZZZZ	ST28334.D	06/15/04	11:08	3.09	7.83
ZZZZZZ	ST28335.D	06/15/04	11:21	3.09	7.83
ZZZZZZ	ST28336.D	06/15/04	11:35	3.09	7.83

Surrogate Compounds

S1 = Tetrachloro-m-xylene
S2 = Decachlorobiphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Check Std:	GST891-CC885	Injection Date:	06/15/04
Lab File ID:	ST28337.D	Injection Time:	11:48
Instrument ID:	GCST	Method:	SW846 8082

	S1 [a] RT	S2 [a] RT
Check Std	3.09	7.83

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
ZZZZZZ	ST28338.D	06/15/04	12:01	3.09	7.83
F24683-2	ST28339.D	06/15/04	12:15	3.09	7.83
OP10673-MS	ST28340.D	06/15/04	12:28	3.09	7.83
OP10673-MSD	ST28341.D	06/15/04	12:42	3.09	7.83
ZZZZZZ	ST28342.D	06/15/04	12:55	3.09	7.83
ZZZZZZ	ST28343.D	06/15/04	13:09	3.09	7.84
ZZZZZZ	ST28344.D	06/15/04	13:22	3.09	7.83
ZZZZZZ	ST28345.D	06/15/04	13:36	3.09	7.83
ZZZZZZ	ST28346.D	06/15/04	13:49	3.09	7.84
F24685-14	ST28347.D	06/15/04	14:03	3.09	7.83

Surrogate Compounds

S1 = Tetrachloro-m-xylene
S2 = Decachlorobiphenyl

(a) Retention time from GC signal #1

ACCUTEST Laboratories

GC Surrogate Retention Time Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Check Std:	GST892-CC885	Injection Date:	06/17/04
Lab File ID:	ST28379.D	Injection Time:	11:01
Instrument ID:	GCST	Method:	SW846 8082

	S1 [a] RT	S2 [a] RT
Check Std	3.09	7.83

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
OP10676-BS	ST28380.D	06/17/04	11:16	3.09	7.84
OP10676-MB	ST28381.D	06/17/04	11:30	3.09	7.83
ZZZZZZ	ST28382.D	06/17/04	11:43	0.00	0.00
ZZZZZZ	ST28383.D	06/17/04	11:57	3.09	7.83
F24685-1	ST28384.D	06/17/04	12:10	3.09	7.83
F24685-2	ST28385.D	06/17/04	12:24	3.09	7.83
F24685-3	ST28386.D	06/17/04	12:37	0.00	0.00
F24685-4	ST28387.D	06/17/04	12:51	3.09	7.83
F24685-5	ST28388.D	06/17/04	13:04	3.09	7.83
F24685-6	ST28389.D	06/17/04	13:18	3.09	7.83

Surrogate Compounds

S1 = Tetrachloro-m-xylene
S2 = Decachlorobiphenyl

(a) Retention time from GC signal #1

ACCUTEST Laboratories

GC Surrogate Retention Time Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Check Std:	GST892-CC885	Injection Date:	06/17/04
Lab File ID:	ST28390.D	Injection Time:	13:31
Instrument ID:	GCST	Method:	SW846 8082

	S1 [a] RT	S2 [a] RT
Check Std	3.09	7.83

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
OP10676-MS	ST28391.D	06/17/04	13:48	3.09	7.84
OP10676-MSD	ST28392.D	06/17/04	14:01	3.09	7.83
F24685-7	ST28393.D	06/17/04	14:15	0.00	0.00
F24685-8	ST28394.D	06/17/04	14:28	3.09	7.83
F24685-9	ST28395.D	06/17/04	14:42	0.00	0.00
F24685-10	ST28396.D	06/17/04	14:55	3.09	7.83
F24685-11	ST28397.D	06/17/04	15:09	0.00	0.00
F24685-12	ST28398.D	06/17/04	15:23	3.09	7.83
F24685-13	ST28399.D	06/17/04	15:36	3.09	7.83

Surrogate Compounds

S1 = Tetrachloro-m-xylene
S2 = Decachlorobiphenyl

(a) Retention time from GC signal #1

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICC885
Lab FileID: ST28136.D

Response Factor Report ECD 3

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
Response via : Initial Calibration

Calibration Files
50 =ST28134.D 200 =ST28135.D 400 =ST28136.D 600 =ST28137.D
800 =ST28138.D 1000=ST28139.D 1248=ST28140.D 1242=ST28141.D
1232=ST28142.D 1254=ST28143.D = =

Compound	50	200	400	600	800	1000	1248	1242	1232	1254	Avg	%RSD
1) Tetrachloro-m-xylene	4.856	5.535	5.739	5.765	5.953	5.843					5.615 E3	7.
2) AR1016-A		1.276	1.181	1.169	1.147	1.159					1.186 E2	4.
3) AR1016-B	2.527	2.637	2.390	2.471	2.419	2.419					2.477 E2	3.
4) AR1016-C	3.211	3.597	3.483	3.706	3.779	3.747					3.587 E2	5.
5) AR1016-D	1.699	1.845	1.742	1.823	1.783	1.755					1.774 E2	3.
6) AR1016-E	2.380	2.776	2.616	2.778	2.766	2.777					2.682 E2	6.
7) AR1016-F	1.740	2.038	1.841	1.987	1.940	1.939					1.914 E2	5.
8) AR1221-A										4.226	4.226 E1	0.
9) AR1221-B										1.734	1.734 E1	0.
10) AR1221-C										6.516	6.516 E1	0.
11) AR1221-D										4.487	4.487 E1	0.
12) AR1221-E										1.432	1.432 E2	0.
13) AR1232-A									1.278		1.278 E2	0.
14) AR1232-B									1.250		1.250 E2	0.
15) AR1232-C									1.527		1.527 E2	0.
16) AR1232-D									7.464		7.464 E1	0.
17) AR1232-E									8.261		8.261 E1	0.
18) AR1232-F									5.210		5.210 E1	0.
19) AR1242-A								9.419			9.419 E1	0.
20) AR1242-B								2.058			2.058 E2	0.
21) AR1242-C								2.646			2.646 E2	0.
22) AR1242-D								2.158			2.158 E2	0.
23) AR1242-E												

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICC885
Lab FileID: ST28136.D

							1.625			1.625 E2	0.
24)	AR1242-F						1.067			1.067 E2	0.
25)	AR1248-A					1.040				1.040 E2	0.
26)	AR1248-B					1.629				1.629 E2	
27)	AR1248-C					2.538				2.538 E2	
28)	AR1248-D					2.533				2.533 E2	0.
29)	AR1248-E					1.913				1.913 E2	0.
30)	AR1248-F					1.398				1.398 E2	0.
31)	AR1254-A								1.512	1.512 E2	0.
32)	AR1254-B								2.949	2.949 E2	0.
33)	AR1254-C								2.105	2.105 E2	0.
34)	AR1254-D								3.897	3.897 E2	0.
35)	AR1254-E								1.964	1.964 E2	0.
36)	AR1254-F								2.512	2.512 E2	0.
37)	AR1260-A	3.816	3.917	3.721	3.906	4.003	4.077			3.907 E2	3.
38)	AR1260-B	3.639	3.692	3.556	3.738	3.801	3.914			3.723 E2	3.
39)	AR1260-C	2.578	2.763	2.599	2.745	2.855	2.889			2.738 E2	4.
40)	AR1260-D	5.108	5.604	5.323	5.941	6.053	6.239			5.711 E2	7.
41)	AR1260-E	2.299	2.619	2.507	2.686	2.732	2.825			2.611 E2	7.
42)	AR1260-F	1.396	1.597	1.484	1.570	1.520	1.593			1.527 E2	5.
43)	AR1268-A							1.661		1.661 E2	0.
44)	AR1268-B							2.374		2.374 E2	0.
45)	AR1268-C							7.483		7.483 E2	0.
46)	AR1268-D							5.987		5.987 E2	0.
47)	AR1268-E							5.837		5.837 E2	0.
48)	AR1268-F							1.393		1.393 E3	0.
49)	Decachlorobiphenyl	3.479	3.624	3.429	3.627	3.568	3.597			3.554 E3	2.

Signal #2

1)	Tetrachloro-m-xylene	2.046	2.127	2.128	2.138	2.157	2.122			2.120 E4	1.
2)	AR1016-A	4.876	4.837	4.484	4.494	4.445	4.345			4.580 E2	4.

ACCUTEST Laboratories

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICC885
Lab FileID: ST28136.D

3)	AR1016-B	1.088	1.030	0.964	0.967	0.963	0.943					0.992 E3	5.
4)	AR1016-C	1.829	1.884	1.801	1.882	1.880	1.946					1.870 E3	2.
5)	AR1016-D	7.303	7.674	7.064	7.576	7.502	7.509					7.438 E2	2.
6)	AR1016-E	7.179	7.674	7.092	7.570	7.604	7.533					7.442 E2	
7)	AR1016-F	7.737	8.200	7.687	7.909	7.920	7.996					7.908 E2	2.
8)	AR1221-A										1.442	1.442 E2	0.
9)	AR1221-B										5.377	5.377 E1	0.
10)	AR1221-C										2.474	2.474 E2	0.
11)	AR1221-D										1.745	1.745 E2	0.
12)	AR1221-E										5.872	5.872 E2	0.
13)	AR1232-A									5.024		5.024 E2	0.
14)	AR1232-B									4.841		4.841 E2	0.
15)	AR1232-C									8.065		8.065 E2	0.
16)	AR1232-D									3.454		3.454 E2	0.
17)	AR1232-E									3.536		3.536 E2	0.
18)	AR1232-F									2.432		2.432 E2	0.
19)	AR1242-A								3.653			3.653 E2	0.
20)	AR1242-B								7.853			7.853 E2	0.
21)	AR1242-C								1.387			1.387 E3	0.
22)	AR1242-D								5.864			5.864 E2	0.
23)	AR1242-E								6.592			6.592 E2	0.
24)	AR1242-F								4.998			4.998 E2	0.
25)	AR1248-A							4.073				4.073 E2	0.
26)	AR1248-B							9.007				9.007 E2	0.
27)	AR1248-C							8.716				8.716 E2	0.
28)	AR1248-D							1.078				1.078 E3	0.
29)	AR1248-E							1.329				1.329 E3	0.
30)	AR1248-F							6.125				6.125 E2	0.
31)	AR1254-A										5.566	5.566 E2	0.
32)	AR1254-B										1.324	1.324 E3	0.

Initial Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICC885
Lab FileID: ST28136.D

33)	AR1254-C							1.257	1.257 E3	0.
34)	AR1254-D							1.793	1.793 E3	0.
35)	AR1254-E							8.967	8.967 E2	0.
36)	AR1254-F							1.350	1.350 E3	
37)	AR1260-A	1.541	1.471	1.385	1.454	1.490	1.461		1.467 E3	3.
38)	AR1260-B	1.549	1.570	1.496	1.573	1.591	1.605		1.564 E3	2.
39)	AR1260-C	1.091	1.230	1.184	1.201	1.234	1.248		1.198 E3	4.
40)	AR1260-D	2.144	2.332	2.265	2.359	2.463	2.533		2.349 E3	5.
41)	AR1260-E	1.025	1.105	1.047	1.102	1.127	1.142		1.091 E3	4.
42)	AR1260-F	4.462	4.950	4.734	4.831	4.914	4.896		4.798 E2	3.
43)	AR1268-A							7.312	7.312 E2	0.
44)	AR1268-B							9.695	9.695 E2	0.
45)	AR1268-C							3.213	3.213 E3	0.
46)	AR1268-D							2.807	2.807 E3	0.
47)	AR1268-E							2.473	2.473 E3	0.
48)	AR1268-F							5.779	5.779 E3	0.
49)	Decachlorobiphenyl	1.432	1.568	1.486	1.549	1.585	1.586		1.534 E4	4.

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

8082.M Thu Jun 03 14:13:08 2004 ECD3

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICV885
Lab FileID: ST28144.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0603PCB\ST28144.D\ECD1B.CH Vial: 12
Signal #2 : C:\HPCHEM\1\DATA\0603PCB\ST28144.D\ECD2A.CH
Acq On : 3 Jun 0204 11:21 am Operator: stephw
Sample : ICV885-400 Inst : ECD 3
Misc : op10566,gst885,30.0,,,10,1,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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		----------NA----------				
2	L1	AR1016-A	400.000	391.621	2.1	98	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	407.046	-1.8	105	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	403.616	-0.9	104	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	394.770	1.3	101	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	405.733	-1.4	104	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	393.667	1.6	102	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	395.810	1.0	104	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	389.566	2.6	102	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	339.473	15.1#	89	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	339.272	15.2#	91	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	361.241	9.7	94	0.00	6.33- 6.53

ACCUTEST Laboratories

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICV885
Lab FileID: ST28144.D

42	L7	AR1260-F	400.000	331.814	17.0#	85	0.00	6.82- 7.02
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl		----------NA----------				

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

1	S	Tetrachloro-m-xylene		----------NA----------				
2	L1	AR1016-A	400.000	372.985	6.8	95	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	397.535	0.6	102	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	398.322	0.4	103	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	403.002	-0.8	106	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	401.924	-0.5	105	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	391.793	2.1	101	0.00	4.39- 4.59
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	400.394	-0.1	106	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	395.160	1.2	103	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	341.758	14.6	86	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	336.388	15.9#	87	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	375.115	6.2	98	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	342.619	14.3	87	0.00	6.81- 7.01
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl		----------NA----------				

Initial Calibration Verification

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST885-ICV885
Lab FileID: ST28144.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 03 14:27:23 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28324.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28324.D\ECD1B.CH Vial: 2
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28324.D\ECD2A.CH
Acq On : 15 Jun 2004 8:47 am Operator: stephw
Sample : CC885-400 Inst : ECD 3
Misc : op10662,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	37.933	5.2	93	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	367.103	8.2	92	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	385.407	3.6	100	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	363.709	9.1	94	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	342.941	14.3	87	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	365.498	8.6	94	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	377.493	5.6	98	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	360.079	10.0	95	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	342.634	14.3	90	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	363.591	9.1	96	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	343.243	14.2	92	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	349.547	12.6	91	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28324.D

42	L7	AR1260-F	400.000	350.421	12.4	90	0.00	6.82- 7.02
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	34.198	14.5	89	0.00	7.64- 8.04

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

1	S	Tetrachloro-m-xylene	40.000	38.950	2.6	97	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	383.780	4.1	98	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	389.291	2.7	100	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	374.909	6.3	97	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	388.543	2.9	102	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	393.139	1.7	103	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	406.185	-1.5	104	0.00	4.39- 4.59
8	L2	AR1221-A	----------NA----------					
9	L2	AR1221-B	----------NA----------					
10	L2	AR1221-C	----------NA----------					
11	L2	AR1221-D	----------NA----------					
12	L2	AR1221-E	----------NA----------					
13	L3	AR1232-A	----------NA----------					
14	L3	AR1232-B	----------NA----------					
15	L3	AR1232-C	----------NA----------					
16	L3	AR1232-D	----------NA----------					
17	L3	AR1232-E	----------NA----------					
18	L3	AR1232-F	----------NA----------					
19	L4	AR1242-A	----------NA----------					
20	L4	AR1242-B	----------NA----------					
21	L4	AR1242-C	----------NA----------					
22	L4	AR1242-D	----------NA----------					
23	L4	AR1242-E	----------NA----------					
24	L4	AR1242-F	----------NA----------					
25	L5	AR1248-A	----------NA----------					
26	L5	AR1248-B	----------NA----------					
27	L5	AR1248-C	----------NA----------					
28	L5	AR1248-D	----------NA----------					
29	L5	AR1248-E	----------NA----------					
30	L5	AR1248-F	----------NA----------					
31	L6	AR1254-A	----------NA----------					
32	L6	AR1254-B	----------NA----------					
33	L6	AR1254-C	----------NA----------					
34	L6	AR1254-D	----------NA----------					
35	L6	AR1254-E	----------NA----------					
36	L6	AR1254-F	----------NA----------					
37	L7	AR1260-A	400.000	400.466	-0.1	106	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	391.518	2.1	102	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	403.714	-0.9	102	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	379.769	5.1	98	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	408.820	-2.2	107	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	397.134	0.7	101	0.00	6.81- 7.01
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	38.438	3.9	99	-0.01	7.18- 7.58

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28324.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 17 10:36:44 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28325.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28325.D\ECD1B.CH Vial: 3
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28325.D\ECD2A.CH
Acq On : 15 Jun 2004 9:04 am Operator: stephw
Sample : CC885-1248 Inst : ECD 3
Misc : op10662,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	18.422	0.0	100	-0.02	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A	200.000	195.430	2.3	98	0.00	3.76- 3.96
26	L5	AR1248-B	200.000	179.121	10.4	90	0.00	4.02- 4.22
27	L5	AR1248-C	200.000	192.262	3.9	96	0.00	4.22- 4.42
28	L5	AR1248-D	200.000	167.282	16.4#	84	0.00	4.58- 4.78
29	L5	AR1248-E	200.000	148.581	25.7#	74	0.00	4.80- 5.00
30	L5	AR1248-F	200.000	153.426	23.3#	77	0.00	5.02- 5.22
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28325.D

42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	16.643	0.0	88	0.00	7.64- 8.04

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

1	S	Tetrachloro-m-xylene	-1.000	19.517	0.0	106	0.00	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A	200.000	216.855	-8.4	108	0.00	3.69- 3.89
26	L5	AR1248-B	200.000	201.168	-0.6	101	0.00	4.01- 4.21
27	L5	AR1248-C	200.000	209.935	-5.0	105	0.00	4.22- 4.42
28	L5	AR1248-D	200.000	211.601	-5.8	106	0.00	4.38- 4.58
29	L5	AR1248-E	200.000	187.393	6.3	94	0.00	4.62- 4.82
30	L5	AR1248-F	200.000	201.690	-0.8	101	0.00	4.98- 5.18
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				
42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	18.429	0.0	97	0.00	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28325.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28140.D 8082.M Thu Jun 17 10:37:02 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28326.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28326.D\ECD1B.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28326.D\ECD2A.CH
Acq On : 15 Jun 2004 9:17 am Operator: stephw
Sample : CC885-1242 Inst : ECD 3
Misc : op10662,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	18.179	0.0	100	-0.02	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A	200.000	202.783	-1.4	101	0.00	3.46- 3.66
20	L4	AR1242-B	200.000	196.105	1.9	98	0.00	3.76- 3.96
21	L4	AR1242-C	200.000	184.417	7.8	92	0.00	4.02- 4.22
22	L4	AR1242-D	200.000	187.731	6.1	94	0.00	4.22- 4.42
23	L4	AR1242-E	200.000	180.304	9.8	90	0.00	4.43- 4.63
24	L4	AR1242-F	200.000	147.048	26.5#	74	0.00	4.80- 5.00
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28326.D

42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	17.656	0.0	91	0.00	7.64- 8.04
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	-1.000	19.238	0.0	107	-0.01	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A	200.000	205.558	-2.8	103	0.00	3.42- 3.62
20	L4	AR1242-B	200.000	213.487	-6.7	107	0.00	3.69- 3.89
21	L4	AR1242-C	200.000	196.865	1.6	98	0.00	4.01- 4.21
22	L4	AR1242-D	200.000	197.130	1.4	99	0.00	4.10- 4.30
23	L4	AR1242-E	200.000	206.514	-3.3	103	0.00	4.38- 4.58
24	L4	AR1242-F	200.000	199.680	0.2	100	0.00	4.77- 4.97
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				
42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	19.167	0.0	95	-0.01	7.18- 7.58

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28326.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28141.D 8082.M Thu Jun 17 10:37:16 2004 ECD3

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28327.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28327.D\ECD1B.CH Vial: 5
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28327.D\ECD2A.CH
Acq On : 15 Jun 2004 9:31 am Operator: stephw
Sample : CC885-1232/1268 Inst : ECD 3
Misc : op10662,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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		----------NA----------				
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A	200.000	182.427	8.8	91	0.00	3.46- 3.66
14	L3	AR1232-B	200.000	181.628	9.2	91	0.00	3.76- 3.96
15	L3	AR1232-C	200.000	177.708	11.1	89	0.00	4.02- 4.22
16	L3	AR1232-D	200.000	185.103	7.4	93	0.00	4.13- 4.33
17	L3	AR1232-E	200.000	187.273	6.4	94	0.00	4.43- 4.63
18	L3	AR1232-F	200.000	152.424	23.8#	76	0.00	4.79- 4.99
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28327.D

42	L7	AR1260-F			----------NA----------			
43	L8	AR1268-A	200.000	180.584	9.7	90	0.00	5.50- 5.70
44	L8	AR1268-B	200.000	183.541	8.2	92	0.00	5.76- 5.96
45	L8	AR1268-C	200.000	176.227	11.9	88	0.00	6.24- 6.44
46	L8	AR1268-D	200.000	172.142	13.9	86	0.00	6.29- 6.49
47	L8	AR1268-E	200.000	179.205	10.4	90	0.00	6.61- 6.81
48	L8	AR1268-F	200.000	163.855	18.1#	82	0.00	7.27- 7.47
49	S	Decachlorobiphenyl			----------NA----------			

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

1	S	Tetrachloro-m-xylene			----------NA----------			
2	L1	AR1016-A			----------NA----------			
3	L1	AR1016-B			----------NA----------			
4	L1	AR1016-C			----------NA----------			
5	L1	AR1016-D			----------NA----------			
6	L1	AR1016-E			----------NA----------			
7	L1	AR1016-F			----------NA----------			
8	L2	AR1221-A			----------NA----------			
9	L2	AR1221-B			----------NA----------			
10	L2	AR1221-C			----------NA----------			
11	L2	AR1221-D			----------NA----------			
12	L2	AR1221-E			----------NA----------			
13	L3	AR1232-A	200.000	195.801	2.1	98	0.00	3.42- 3.62
14	L3	AR1232-B	200.000	197.993	1.0	99	0.00	3.69- 3.89
15	L3	AR1232-C	200.000	189.432	5.3	95	0.00	4.01- 4.21
16	L3	AR1232-D	200.000	193.709	3.1	97	0.00	4.10- 4.30
17	L3	AR1232-E	200.000	201.594	-0.8	101	0.00	4.38- 4.58
18	L3	AR1232-F	200.000	181.885	9.1	91	0.00	4.77- 4.97
19	L4	AR1242-A			----------NA----------			
20	L4	AR1242-B			----------NA----------			
21	L4	AR1242-C			----------NA----------			
22	L4	AR1242-D			----------NA----------			
23	L4	AR1242-E			----------NA----------			
24	L4	AR1242-F			----------NA----------			
25	L5	AR1248-A			----------NA----------			
26	L5	AR1248-B			----------NA----------			
27	L5	AR1248-C			----------NA----------			
28	L5	AR1248-D			----------NA----------			
29	L5	AR1248-E			----------NA----------			
30	L5	AR1248-F			----------NA----------			
31	L6	AR1254-A			----------NA----------			
32	L6	AR1254-B			----------NA----------			
33	L6	AR1254-C			----------NA----------			
34	L6	AR1254-D			----------NA----------			
35	L6	AR1254-E			----------NA----------			
36	L6	AR1254-F			----------NA----------			
37	L7	AR1260-A			----------NA----------			
38	L7	AR1260-B			----------NA----------			
39	L7	AR1260-C			----------NA----------			
40	L7	AR1260-D			----------NA----------			
41	L7	AR1260-E			----------NA----------			
42	L7	AR1260-F			----------NA----------			
43	L8	AR1268-A	200.000	194.999	2.5	97	0.00	5.45- 5.65
44	L8	AR1268-B	200.000	200.281	-0.1	100	0.00	5.61- 5.81
45	L8	AR1268-C	200.000	192.557	3.7	96	0.00	6.15- 6.35
46	L8	AR1268-D	200.000	200.704	-0.4	100	0.00	6.19- 6.39
47	L8	AR1268-E	200.000	204.150	-2.1	102	0.00	6.34- 6.54
48	L8	AR1268-F	200.000	185.248	7.4	93	0.00	7.10- 7.30
49	S	Decachlorobiphenyl			----------NA----------			

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28327.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28142.D 8082.M Thu Jun 17 10:37:29 2004 ECD3

C 5.6

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28328.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28328.D\ECD1B.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28328.D\ECD2A.CH
Acq On : 15 Jun 2004 9:44 am Operator: stephw
Sample : CC885-1221/1254 Inst : ECD 3
Misc : op10662,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	17.479	0.0	102	-0.02	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A	200.000	203.557	-1.8	102	0.00	2.77- 2.97
9	L2	AR1221-B	200.000	185.072	7.5	93	0.00	3.25- 3.45
10	L2	AR1221-C	200.000	206.124	-3.1	103	0.00	3.30- 3.50
11	L2	AR1221-D	200.000	201.884	-0.9	101	0.00	3.41- 3.61
12	L2	AR1221-E	200.000	192.816	3.6	96	0.00	3.46- 3.66
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A	200.000	190.290	4.9	95	0.00	4.22- 4.42
32	L6	AR1254-B	200.000	193.110	3.4	97	0.00	4.70- 4.90
33	L6	AR1254-C	200.000	170.872	14.6	85	0.00	4.95- 5.15
34	L6	AR1254-D	200.000	172.550	13.7	86	0.00	5.02- 5.22
35	L6	AR1254-E	200.000	178.079	11.0	89	0.00	5.17- 5.37
36	L6	AR1254-F	200.000	165.771	17.1#	83	0.00	5.48- 5.68
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28328.D

42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	17.909	0.0	97	0.00	7.64- 8.04
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	-1.000	18.312	0.0	105	-0.02	2.91- 3.31
2	L1	AR1016-A		----------NA----------				
3	L1	AR1016-B		----------NA----------				
4	L1	AR1016-C		----------NA----------				
5	L1	AR1016-D		----------NA----------				
6	L1	AR1016-E		----------NA----------				
7	L1	AR1016-F		----------NA----------				
8	L2	AR1221-A	200.000	200.588	-0.3	100	0.00	2.69- 2.89
9	L2	AR1221-B	200.000	225.246	-12.6	113	0.00	3.14- 3.34
10	L2	AR1221-C	200.000	199.144	0.4	100	0.00	3.26- 3.46
11	L2	AR1221-D	200.000	202.774	-1.4	101	0.00	3.38- 3.58
12	L2	AR1221-E	200.000	201.216	-0.6	101	0.00	3.42- 3.62
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A	200.000	205.030	-2.5	103	0.00	4.22- 4.42
32	L6	AR1254-B	200.000	196.597	1.7	98	0.00	4.61- 4.81
33	L6	AR1254-C	200.000	204.015	-2.0	102	0.00	4.71- 4.91
34	L6	AR1254-D	200.000	199.007	0.5	100	0.00	4.98- 5.18
35	L6	AR1254-E	200.000	187.531	6.2	94	0.00	5.13- 5.33
36	L6	AR1254-F	200.000	201.608	-0.8	101	0.00	5.43- 5.63
37	L7	AR1260-A		----------NA----------				
38	L7	AR1260-B		----------NA----------				
39	L7	AR1260-C		----------NA----------				
40	L7	AR1260-D		----------NA----------				
41	L7	AR1260-E		----------NA----------				
42	L7	AR1260-F		----------NA----------				
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	-1.000	19.744	0.0	103	-0.01	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28328.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28143.D 8082.M Thu Jun 17 10:37:43 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28337.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28337.D\ECD1B.CH Vial: 15
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28337.D\ECD2A.CH
Acq On : 15 Jun 2004 11:48 am Operator: stephw
Sample : CC885-400 Inst : ECD 3
Misc : op10673,gst891,950,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	37.690	5.8	92	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	367.185	8.2	92	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	379.443	5.1	98	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	358.264	10.4	92	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	340.072	15.0	87	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	360.687	9.8	92	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	371.864	7.0	97	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	357.830	10.5	94	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	343.203	14.2	90	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	369.649	7.6	97	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	334.353	16.4#	90	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	344.084	14.0	90	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28337.D

42	L7	AR1260-F	400.000	358.895	10.3	92	0.00	6.82- 7.02
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	36.173	9.6	94	0.00	7.64- 8.04

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

1	S	Tetrachloro-m-xylene	40.000	38.101	4.7	95	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	378.818	5.3	97	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	387.337	3.2	100	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	363.196	9.2	94	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	382.158	4.5	101	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	382.079	4.5	100	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	405.175	-1.3	104	0.00	4.39- 4.59
8	L2	AR1221-A	----------NA----------					
9	L2	AR1221-B	----------NA----------					
10	L2	AR1221-C	----------NA----------					
11	L2	AR1221-D	----------NA----------					
12	L2	AR1221-E	----------NA----------					
13	L3	AR1232-A	----------NA----------					
14	L3	AR1232-B	----------NA----------					
15	L3	AR1232-C	----------NA----------					
16	L3	AR1232-D	----------NA----------					
17	L3	AR1232-E	----------NA----------					
18	L3	AR1232-F	----------NA----------					
19	L4	AR1242-A	----------NA----------					
20	L4	AR1242-B	----------NA----------					
21	L4	AR1242-C	----------NA----------					
22	L4	AR1242-D	----------NA----------					
23	L4	AR1242-E	----------NA----------					
24	L4	AR1242-F	----------NA----------					
25	L5	AR1248-A	----------NA----------					
26	L5	AR1248-B	----------NA----------					
27	L5	AR1248-C	----------NA----------					
28	L5	AR1248-D	----------NA----------					
29	L5	AR1248-E	----------NA----------					
30	L5	AR1248-F	----------NA----------					
31	L6	AR1254-A	----------NA----------					
32	L6	AR1254-B	----------NA----------					
33	L6	AR1254-C	----------NA----------					
34	L6	AR1254-D	----------NA----------					
35	L6	AR1254-E	----------NA----------					
36	L6	AR1254-F	----------NA----------					
37	L7	AR1260-A	400.000	396.001	1.0	105	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	386.512	3.4	101	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	409.074	-2.3	103	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	377.377	5.7	98	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	398.686	0.3	104	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	383.658	4.1	97	0.00	6.81- 7.01
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	39.518	1.2	102	-0.01	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28337.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 17 10:36:45 2004 ECD3

5.6 G

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28348.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0615PCB\ST28348.D\ECD1B.CH Vial: 26
Signal #2 : C:\HPCHEM\1\DATA\0615PCB\ST28348.D\ECD2A.CH
Acq On : 15 Jun 2004 2:16 pm Operator: stephw
Sample : CC885-200 Inst : ECD 3
Misc : op10673,gst891,1000,,,10,1,water Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	19.687	1.6	100	-0.02	2.91- 3.31
2	L1	AR1016-A	200.000	205.807	-2.9	96	0.00	3.47- 3.67
3	L1	AR1016-B	200.000	208.008	-4.0	98	0.00	3.76- 3.96
4	L1	AR1016-C	200.000	180.639	9.7	90	0.00	4.02- 4.22
5	L1	AR1016-D	200.000	191.470	4.3	92	0.00	4.13- 4.33
6	L1	AR1016-E	200.000	194.378	2.8	94	0.00	4.22- 4.42
7	L1	AR1016-F	200.000	196.023	2.0	92	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	200.000	173.117	13.4	86	0.00	5.13- 5.33
38	L7	AR1260-B	200.000	159.788	20.1#	81	0.00	5.17- 5.37
39	L7	AR1260-C	200.000	165.810	17.1#	82	0.00	5.79- 5.99
40	L7	AR1260-D	200.000	149.669	25.2#	76	0.00	5.89- 6.09
41	L7	AR1260-E	200.000	154.370	22.8#	77	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28348.D

42	L7	AR1260-F	200.000	159.039	20.5#	76	0.00	6.82- 7.02
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	20.000	17.738	11.3	87	0.00	7.64- 8.04

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

1	S	Tetrachloro-m-xylene	20.000	19.858	0.7	99	-0.01	2.91- 3.31
2	L1	AR1016-A	200.000	210.839	-5.4	100	0.00	3.42- 3.62
3	L1	AR1016-B	200.000	217.737	-8.9	105	0.00	3.70- 3.90
4	L1	AR1016-C	200.000	191.284	4.4	95	0.00	4.02- 4.22
5	L1	AR1016-D	200.000	200.781	-0.4	97	0.00	4.11- 4.31
6	L1	AR1016-E	200.000	203.723	-1.9	99	0.00	4.18- 4.38
7	L1	AR1016-F	200.000	209.412	-4.7	101	0.00	4.39- 4.59
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	200.000	200.781	-0.4	100	0.00	5.06- 5.26
38	L7	AR1260-B	200.000	196.625	1.7	98	0.00	5.20- 5.40
39	L7	AR1260-C	200.000	194.942	2.5	95	0.00	5.68- 5.88
40	L7	AR1260-D	200.000	174.061	13.0	88	0.00	5.90- 6.10
41	L7	AR1260-E	200.000	192.841	3.6	95	0.00	6.21- 6.41
42	L7	AR1260-F	200.000	190.589	4.7	92	0.00	6.81- 7.01
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	20.000	20.104	-0.5	98	-0.01	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST891-CC885
Lab FileID: ST28348.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28135.D 8082.M Thu Jun 17 10:36:24 2004 ECD3

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28379.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0617PCB\ST28379.D\ECD1B.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\0617PCB\ST28379.D\ECD2A.CH
Acq On : 17 Jun 2004 11:01 am Operator: stephw
Sample : CC885-400 Inst : ECD 3
Misc : op10692,gst892,1.05,,,10,100000,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	39.599	1.0	97	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	378.759	5.3	95	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	398.180	0.5	103	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	371.120	7.2	96	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	367.748	8.1	94	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	386.871	3.3	99	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	387.752	3.1	101	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	377.749	5.6	99	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	347.328	13.2	91	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	366.821	8.3	97	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	339.328	15.2#	91	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	357.898	10.5	93	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28379.D

42	L7	AR1260-F	400.000	349.893	12.5	90	0.00	6.82- 7.02
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	36.853	7.9	95	0.00	7.64- 8.04
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	40.526	-1.3	101	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	398.344	0.4	102	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	414.051	-3.5	107	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	396.932	0.8	103	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	406.076	-1.5	107	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	405.404	-1.4	106	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	428.684	-7.2	110	0.00	4.39- 4.59
8	L2	AR1221-A	----------NA----------					
9	L2	AR1221-B	----------NA----------					
10	L2	AR1221-C	----------NA----------					
11	L2	AR1221-D	----------NA----------					
12	L2	AR1221-E	----------NA----------					
13	L3	AR1232-A	----------NA----------					
14	L3	AR1232-B	----------NA----------					
15	L3	AR1232-C	----------NA----------					
16	L3	AR1232-D	----------NA----------					
17	L3	AR1232-E	----------NA----------					
18	L3	AR1232-F	----------NA----------					
19	L4	AR1242-A	----------NA----------					
20	L4	AR1242-B	----------NA----------					
21	L4	AR1242-C	----------NA----------					
22	L4	AR1242-D	----------NA----------					
23	L4	AR1242-E	----------NA----------					
24	L4	AR1242-F	----------NA----------					
25	L5	AR1248-A	----------NA----------					
26	L5	AR1248-B	----------NA----------					
27	L5	AR1248-C	----------NA----------					
28	L5	AR1248-D	----------NA----------					
29	L5	AR1248-E	----------NA----------					
30	L5	AR1248-F	----------NA----------					
31	L6	AR1254-A	----------NA----------					
32	L6	AR1254-B	----------NA----------					
33	L6	AR1254-C	----------NA----------					
34	L6	AR1254-D	----------NA----------					
35	L6	AR1254-E	----------NA----------					
36	L6	AR1254-F	----------NA----------					
37	L7	AR1260-A	400.000	427.832	-7.0	113	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	410.656	-2.7	107	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	428.046	-7.0	108	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	394.202	1.4	102	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	416.373	-4.1	108	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	399.250	0.2	101	0.00	6.81- 7.01
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	41.190	-3.0	106	-0.01	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28379.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 17 11:39:17 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28390.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0617PCB\ST28390.D\ECD1B.CH Vial: 21
Signal #2 : C:\HPCHEM\1\DATA\0617PCB\ST28390.D\ECD2A.CH
Acq On : 17 Jun 2004 1:31 pm Operator: stephw
Sample : CC885-400 Inst : ECD 3
Misc : op10676,gst892,30.7,,,10,2,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	41.063	-2.7	100	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	392.545	1.9	99	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	403.941	-1.0	105	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	383.832	4.0	99	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	365.318	8.7	93	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	379.020	5.2	97	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	392.924	1.8	102	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	376.187	6.0	99	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	364.296	8.9	95	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	378.506	5.4	100	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	360.531	9.9	97	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	359.930	10.0	94	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28390.D

42	L7	AR1260-F	400.000	353.376	11.7	91	0.00	6.82- 7.02
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	36.871	7.8	96	0.00	7.64- 8.04
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	42.221	-5.6	105	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	406.883	-1.7	104	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	415.161	-3.8	107	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	398.105	0.5	103	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	418.010	-4.5	110	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	415.574	-3.9	109	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	424.604	-6.2	109	0.00	4.39- 4.59
8	L2	AR1221-A	----------NA----------					
9	L2	AR1221-B	----------NA----------					
10	L2	AR1221-C	----------NA----------					
11	L2	AR1221-D	----------NA----------					
12	L2	AR1221-E	----------NA----------					
13	L3	AR1232-A	----------NA----------					
14	L3	AR1232-B	----------NA----------					
15	L3	AR1232-C	----------NA----------					
16	L3	AR1232-D	----------NA----------					
17	L3	AR1232-E	----------NA----------					
18	L3	AR1232-F	----------NA----------					
19	L4	AR1242-A	----------NA----------					
20	L4	AR1242-B	----------NA----------					
21	L4	AR1242-C	----------NA----------					
22	L4	AR1242-D	----------NA----------					
23	L4	AR1242-E	----------NA----------					
24	L4	AR1242-F	----------NA----------					
25	L5	AR1248-A	----------NA----------					
26	L5	AR1248-B	----------NA----------					
27	L5	AR1248-C	----------NA----------					
28	L5	AR1248-D	----------NA----------					
29	L5	AR1248-E	----------NA----------					
30	L5	AR1248-F	----------NA----------					
31	L6	AR1254-A	----------NA----------					
32	L6	AR1254-B	----------NA----------					
33	L6	AR1254-C	----------NA----------					
34	L6	AR1254-D	----------NA----------					
35	L6	AR1254-E	----------NA----------					
36	L6	AR1254-F	----------NA----------					
37	L7	AR1260-A	400.000	423.166	-5.8	112	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	405.446	-1.4	106	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	429.722	-7.4	109	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	404.071	-1.0	105	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	429.377	-7.3	112	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	412.257	-3.1	104	0.00	6.81- 7.01
43	L8	AR1268-A	----------NA----------					
44	L8	AR1268-B	----------NA----------					
45	L8	AR1268-C	----------NA----------					
46	L8	AR1268-D	----------NA----------					
47	L8	AR1268-E	----------NA----------					
48	L8	AR1268-F	----------NA----------					
49	S	Decachlorobiphenyl	40.000	42.582	-6.5	110	-0.02	7.18- 7.58

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28390.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 17 16:20:12 2004 ECD3

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28400.D

Evaluate Continuing Calibration Report

Signal #1 : C:\HPCHEM\1\DATA\0617PCB\ST28400.D\ECD1B.CH Vial: 31
Signal #2 : C:\HPCHEM\1\DATA\0617PCB\ST28400.D\ECD2A.CH
Acq On : 17 Jun 2004 4:04 pm Operator: stephw
Sample : CC885-400 Inst : ECD 3
Misc : op10676,gst892,30.3,,,10,1,soil Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E

Method : C:\HPCHEM\1\METHODS\8082.M (Chemstation Integrator)
Title : PCBs by 608 or 8082
Last Update : Thu Jun 03 11:38:13 2004
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	39.691	0.8	97	-0.02	2.91- 3.31
2	L1	AR1016-A	400.000	384.800	3.8	97	0.00	3.47- 3.67
3	L1	AR1016-B	400.000	399.540	0.1	104	0.00	3.76- 3.96
4	L1	AR1016-C	400.000	388.510	2.9	100	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	351.910	12.0	90	0.00	4.13- 4.33
6	L1	AR1016-E	400.000	387.844	3.0	99	0.00	4.22- 4.42
7	L1	AR1016-F	400.000	398.263	0.4	104	0.00	4.44- 4.64
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	383.882	4.0	101	0.00	5.13- 5.33
38	L7	AR1260-B	400.000	361.728	9.6	95	0.00	5.17- 5.37
39	L7	AR1260-C	400.000	398.842	0.3	105	0.00	5.79- 5.99
40	L7	AR1260-D	400.000	365.734	8.6	98	0.00	5.89- 6.09
41	L7	AR1260-E	400.000	366.906	8.3	96	0.00	6.33- 6.53

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28400.D

42	L7	AR1260-F	400.000	363.473	9.1	93	0.00	6.82- 7.02
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	40.000	34.895	12.8	90	0.00	7.64- 8.04
*****		Signal #2 *****						
1	S	Tetrachloro-m-xylene	40.000	41.315	-3.3	103	-0.01	2.91- 3.31
2	L1	AR1016-A	400.000	404.788	-1.2	103	0.00	3.42- 3.62
3	L1	AR1016-B	400.000	420.479	-5.1	108	0.00	3.70- 3.90
4	L1	AR1016-C	400.000	401.411	-0.4	104	0.00	4.02- 4.22
5	L1	AR1016-D	400.000	421.938	-5.5	111	0.00	4.11- 4.31
6	L1	AR1016-E	400.000	424.834	-6.2	111	0.00	4.18- 4.38
7	L1	AR1016-F	400.000	440.121	-10.0	113	0.00	4.39- 4.59
8	L2	AR1221-A		----------NA----------				
9	L2	AR1221-B		----------NA----------				
10	L2	AR1221-C		----------NA----------				
11	L2	AR1221-D		----------NA----------				
12	L2	AR1221-E		----------NA----------				
13	L3	AR1232-A		----------NA----------				
14	L3	AR1232-B		----------NA----------				
15	L3	AR1232-C		----------NA----------				
16	L3	AR1232-D		----------NA----------				
17	L3	AR1232-E		----------NA----------				
18	L3	AR1232-F		----------NA----------				
19	L4	AR1242-A		----------NA----------				
20	L4	AR1242-B		----------NA----------				
21	L4	AR1242-C		----------NA----------				
22	L4	AR1242-D		----------NA----------				
23	L4	AR1242-E		----------NA----------				
24	L4	AR1242-F		----------NA----------				
25	L5	AR1248-A		----------NA----------				
26	L5	AR1248-B		----------NA----------				
27	L5	AR1248-C		----------NA----------				
28	L5	AR1248-D		----------NA----------				
29	L5	AR1248-E		----------NA----------				
30	L5	AR1248-F		----------NA----------				
31	L6	AR1254-A		----------NA----------				
32	L6	AR1254-B		----------NA----------				
33	L6	AR1254-C		----------NA----------				
34	L6	AR1254-D		----------NA----------				
35	L6	AR1254-E		----------NA----------				
36	L6	AR1254-F		----------NA----------				
37	L7	AR1260-A	400.000	438.364	-9.6	116	0.00	5.06- 5.26
38	L7	AR1260-B	400.000	419.504	-4.9	110	0.00	5.20- 5.40
39	L7	AR1260-C	400.000	446.763	-11.7	113	0.00	5.68- 5.88
40	L7	AR1260-D	400.000	408.793	-2.2	106	0.00	5.90- 6.10
41	L7	AR1260-E	400.000	438.674	-9.7	114	0.00	6.21- 6.41
42	L7	AR1260-F	400.000	400.032	-0.0	101	0.00	6.81- 7.01
43	L8	AR1268-A		----------NA----------				
44	L8	AR1268-B		----------NA----------				
45	L8	AR1268-C		----------NA----------				
46	L8	AR1268-D		----------NA----------				
47	L8	AR1268-E		----------NA----------				
48	L8	AR1268-F		----------NA----------				
49	S	Decachlorobiphenyl	40.000	40.631	-1.6	105	-0.01	7.18- 7.58

ACCUTEST Laboratories

Continuing Calibration Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: GST892-CC885
Lab FileID: ST28400.D

(#) = Out of Range SPCC's out = 0 CCC's out = 0
ST28136.D 8082.M Thu Jun 17 16:20:13 2004 ECD3

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**JUNE 24, 2004**
FROM:	**ETHAN G. LEE**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS + TIN AND CYANIDE**
NAS KEY WEST – CTO 349
SAMPLE DELIVERY GROUP (SDG) – F24685

SAMPLES: 12/SOIL/

C03D-06C-06-0604	C03D-06C-12-0604	C03D-06C-24-0604
C03D-07C-06-0604	C03D-07C-12-0604	C03D-07C-24-0604
C03D-10C-06-0604	C03D-10C-12-0604	C03D-10C-24-0604
C03D-11C-06-0604	C03D-11C-12-0604	C03D-11C-24-0604

1/AQUEOUS/

KWRB060804

Overview

The sample set for NAS Key West, CTO 349, SDG F24685, consists of twelve (12) soil environmental samples and one (1) aqueous rinse blank.

All samples were analyzed for target analyte list (TAL) metals plus tin. Sample KWRB060804 was also analyzed for cyanide. The samples were collected by Tetra Tech NUS on June 8, 2004 and analyzed by Accutest Laboratories Southeast, Inc. Metals analyses except mercury were conducted using SW846 method 6010B. Soil mercury analyses were conducted using SW846 method 7471A. Aqueous mercury analyses were conducted using SW846 method 7470A. Cyanide analyses were conducted using EPA method 335.2.

Metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodologies. Mercury analyses were conducted using Manual Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
  • Laboratory Blank Analyses
* • Detection Limits

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	35.0 ug/L	17.5 mg/kg
Calcium	46.5 ug/L	23.3 mg/kg
Iron	44.1 ug/L	22.1 mg/kg
Lead	2.3 ug/L	1.2 mg/kg
Mercury[1]	0.0024 mg/kg	0.012 mg/kg
Thallium	3.3 ug/L	1.7 mg/kg
Tin	5.4 ug/L	2.7 mg/kg

An action level of 5X the maximum concentration was used to evaluate the 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 action level for lead, mercury, thallium, and tin were qualified as nondetected (U) due to laboratory blank contamination. The remaining analytes were not qualified because the results were either greater than the action level or they were nondetects. It should be noted that the rinse blank was not qualified for laboratory blank contamination and was not used to determine blank action levels.

Notes

Dilutions were performed for calcium in all samples due to the concentrations of calcium above the linear range of the instrument.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

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 NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
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

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % 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 (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.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 less than sample activity

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-06C-06-0604	nsample	C03D-06C-12-0604	nsample	C03D-06C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-1	lab_id	F24685-2	lab_id	F24685-3
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	97.8	Pct_Solids	95.1	Pct_Solids	85.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	540		
ANTIMONY	65.6		
ARSENIC	2.4		
BARIUM	29.7		
BERYLLIUM	0.029	U	
CADMIUM	0.39		
CALCIUM	245000		
CHROMIUM	23.2		
COBALT	0.35		
COPPER	25.4		
IRON	4760		
LEAD	3620		
MAGNESIUM	1440		
MANGANESE	36.9		
MERCURY	0.034		
NICKEL	2.6		
POTASSIUM	91		
SELENIUM	20	U	
SILVER	0.59		
SODIUM	408		
THALLIUM	0.15	U	
TIN	5.8		
VANADIUM	4.9		
ZINC	57.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	512		
ANTIMONY	3.5		
ARSENIC	0.97		
BARIUM	22.4		
BERYLLIUM	0.032	U	
CADMIUM	0.68		
CALCIUM	264000		
CHROMIUM	11.7		
COBALT	0.61		
COPPER	30.8		
IRON	6770		
LEAD	359		
MAGNESIUM	1460		
MANGANESE	78.1		
MERCURY	0.043		
NICKEL	4.5		
POTASSIUM	98		
SELENIUM	21	U	
SILVER	0.22		
SODIUM	363		
THALLIUM	0.16	U	
TIN	5.3		
VANADIUM	5.5		
ZINC	71.1		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	387		
ANTIMONY	0.18	U	
ARSENIC	2.6		
BARIUM	24.8		
BERYLLIUM	0.035	U	
CADMIUM	0.079		
CALCIUM	384000		
CHROMIUM	3.7		
COBALT	0.059	U	
COPPER	20.6		
IRON	1180		
LEAD	85.4		
MAGNESIUM	5500		
MANGANESE	16.8		
MERCURY	0.29		
NICKEL	1.2		
POTASSIUM	92.2		
SELENIUM	23	U	
SILVER	0.07	U	
SODIUM	2010		
THALLIUM	0.18	U	
TIN	7.4		
VANADIUM	3.7		
ZINC	54		

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-07C-06-0604	nsample	C03D-07C-12-0604	nsample	C03D-07C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-7	lab_id	F24685-8	lab_id	F24685-9
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	98.2	Pct_Solids	97.6	Pct_Solids	92.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	711		
ANTIMONY	0.15	U	
ARSENIC	1		
BARIUM	8.4		
BERYLLIUM	0.031	U	
CADMIUM	0.031	U	
CALCIUM	255000		
CHROMIUM	5.6		
COBALT	0.096		
COPPER	7.9		
IRON	757		
LEAD	28.4		
MAGNESIUM	1670		
MANGANESE	23.3		
MERCURY	0.19		
NICKEL	1.1		
POTASSIUM	135		
SELENIUM	20	U	
SILVER	0.061	U	
SODIUM	314		
THALLIUM	0.15	U	
TIN	3		
VANADIUM	5.1		
ZINC	14.7		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	726		
ANTIMONY	0.16	U	
ARSENIC	1.3		
BARIUM	7.7		
BERYLLIUM	0.031	U	
CADMIUM	0.031	U	
CALCIUM	262000		
CHROMIUM	5.5		
COBALT	0.088		
COPPER	5.2		
IRON	593		
LEAD	25.1		
MAGNESIUM	1630		
MANGANESE	23		
MERCURY	0.062		
NICKEL	1.1		
POTASSIUM	136		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	312		
THALLIUM	0.16	U	
TIN	3		
VANADIUM	5.4		
ZINC	12.1		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	279		
ANTIMONY	1.7		
ARSENIC	1.6		
BARIUM	22.5		
BERYLLIUM	0.033	U	
CADMIUM	0.55		
CALCIUM	368000		
CHROMIUM	5.1		
COBALT	0.18		
COPPER	55		
IRON	1210		
LEAD	167		
MAGNESIUM	1360		
MANGANESE	16.9		
MERCURY	0.12		
NICKEL	2.3		
POTASSIUM	56		
SELENIUM	22	U	
SILVER	0.066	U	
SODIUM	1130		
THALLIUM	0.17	U	
TIN	5.3		
VANADIUM	2.4		
ZINC	194		

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-10C-06-0604	nsample	C03D-10C-12-0604	nsample	C03D-10C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-4	lab_id	F24685-5	lab_id	F24685-6
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	93.9	Pct_Solids	93.1	Pct_Solids	92.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	272		
ANTIMONY	0.16	U	
ARSENIC	1.9		
BARIUM	9.7		
BERYLLIUM	0.031	U	
CADMIUM	0.031	U	
CALCIUM	393000		
CHROMIUM	2.4		
COBALT	0.052	U	
COPPER	11.9		
IRON	350		
LEAD	20.9		
MAGNESIUM	909		
MANGANESE	5.5		
MERCURY	0.023		
NICKEL	0.71		
POTASSIUM	51.8		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	1180		
THALLIUM	0.16	U	
TIN	4.3		
VANADIUM	1.5		
ZINC	10.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	119		
ANTIMONY	0.16	U	
ARSENIC	1.9		
BARIUM	6.9		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	427000		
CHROMIUM	2		
COBALT	0.053	U	
COPPER	1.5		
IRON	216		
LEAD	9.2		
MAGNESIUM	1350		
MANGANESE	7.4		
MERCURY	0.025		
NICKEL	0.58		
POTASSIUM	29.2		
SELENIUM	21	U	
SILVER	0.063	U	
SODIUM	1030		
THALLIUM	0.25	U	A
TIN	4.4		
VANADIUM	1.7		
ZINC	2.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	142		
ANTIMONY	0.16	U	
ARSENIC	2.7		
BARIUM	6.8		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	411000		
CHROMIUM	1.8		
COBALT	0.053	U	
COPPER	2.4		
IRON	181		
LEAD	7.2		
MAGNESIUM	1160		
MANGANESE	5.1		
MERCURY	0.014		
NICKEL	0.58		
POTASSIUM	31.7		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	824		
THALLIUM	0.16	U	
TIN	4.7		
VANADIUM	1.4		
ZINC	3.1		

PROJ_NO: 0693

SDG: F24685 MEDIA: SOIL DATA FRACTION: M

nsample	C03D-11C-06-0604	nsample	C03D-11C-12-0604	nsample	C03D-11C-24-0604
samp_date	6/8/2004	samp_date	6/8/2004	samp_date	6/8/2004
lab_id	F24685-11	lab_id	F24685-12	lab_id	F24685-13
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	98.0	Pct_Solids	96.9	Pct_Solids	96.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	646		
ANTIMONY	2.3		
ARSENIC	2		
BARIUM	38.5		
BERYLLIUM	0.03	U	
CADMIUM	0.92		
CALCIUM	292000		
CHROMIUM	24.5		
COBALT	0.29		
COPPER	99.1		
IRON	2300		
LEAD	613		
MAGNESIUM	2710		
MANGANESE	29		
MERCURY	0.12		
NICKEL	4.7		
POTASSIUM	98		
SELENIUM	20	U	
SILVER	0.097		
SODIUM	938		
THALLIUM	1.5	U	
TIN	6.3		
VANADIUM	4.7		
ZINC	176		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	673		
ANTIMONY	0.15	U	
ARSENIC	1		
BARIUM	6.2		
BERYLLIUM	0.031	U	
CADMIUM	0.031	U	
CALCIUM	241000		
CHROMIUM	4.9		
COBALT	0.052	U	
COPPER	0.71		
IRON	510		
LEAD	4.2		
MAGNESIUM	1520		
MANGANESE	21.3		
MERCURY	0.0058	U	A
NICKEL	0.92		
POTASSIUM	115		
SELENIUM	21	U	
SILVER	0.062	U	
SODIUM	235		
THALLIUM	0.15	U	
TIN	2.8		
VANADIUM	5.2		
ZINC	1.7		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	636		
ANTIMONY	0.16	U	
ARSENIC	1		
BARIUM	5.9		
BERYLLIUM	0.032	U	
CADMIUM	0.032	U	
CALCIUM	233000		
CHROMIUM	4.4		
COBALT	0.053	U	
COPPER	0.44		
IRON	479		
LEAD	0.83	U	A
MAGNESIUM	1470		
MANGANESE	20.3		
MERCURY	0.0055	U	A
NICKEL	0.87		
POTASSIUM	105		
SELENIUM	21	U	
SILVER	0.064	U	
SODIUM	208		
THALLIUM	0.16	U	
TIN	2.7	U	A
VANADIUM	4.8		
ZINC	0.63		

PROJ_NO: 0693

SDG: F24685 MEDIA: WATER DATA FRACTION: MISC

nsample	KWRB060804
samp_date	6/8/2004
lab_id	F24685-14
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
CYANIDE	MG/L	0.01	U	

PROJ_NO: 0693

SDG: F24685 MEDIA: WATER DATA FRACTION: M

nsample	KWRB060804
samp_date	6/8/2004
lab_id	F24685-14
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	6.6	U	
ANTIMONY	1.5	U	
ARSENIC	2.8	U	
BARIUM	0.5	U	
BERYLLIUM	0.3	U	
CADMIUM	0.3	U	
CALCIUM	33.4		
CHROMIUM	0.4	U	
COBALT	0.5	U	
COPPER	0.44	U	
IRON	7.1	U	
LEAD	1.3		
MAGNESIUM	9.9	U	
MANGANESE	0.16	U	
MERCURY	0.022	U	
NICKEL	1.1	U	
POTASSIUM	14	U	
SELENIUM	2	U	
SILVER	0.6	U	
SODIUM	150	U	
THALLIUM	1.5	U	
TIN	1.5	U	
VANADIUM	0.47	U	
ZINC	1.9		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-06-0604		
Lab Sample ID:	F24685-1	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	97.8
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	540	20	0.65	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	65.6	5.9	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.4	0.49	0.28	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	29.7	20	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.029 U	0.49	0.029	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.39	0.39	0.029	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	245000	4900	3.7	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	23.2	0.98	0.039	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.35 B	4.9	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	25.4	2.5	0.043	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	4760	9.8	0.70	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	3620	9.8	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1440	490	0.97	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	36.9	1.5	0.016	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.034 B	0.087	0.0019	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	2.6 B	3.9	0.11	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	91.0 B	490	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.59 B	0.98	0.059	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	408 B	490	14	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	0.98	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.8	4.9	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.9	4.9	0.046	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	57.9	2.0	0.058	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-12-0604		
Lab Sample ID:	F24685-2	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	95.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	512	21	0.69	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	3.5 B	6.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	0.97	0.53	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	22.4	21	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.68	0.42	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	264000	5300	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	11.7	1.1	0.042	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.61 B	5.3	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	30.8	2.6	0.046	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	6770	11	0.75	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	359	11	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1460	530	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	78.1	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.043 B	0.089	0.0020	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	4.5	4.2	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	98.0 B	530	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.22 B	1.1	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	363 B	530	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.3	5.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.5	5.3	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	71.1	2.1	0.062	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-06C-24-0604		
Lab Sample ID:	F24685-3	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	85.3
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	387	23	0.77	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.18 U	7.0	0.18	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.6	0.59	0.33	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	24.8	23	0.059	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.035 U	0.59	0.035	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.079 B	0.47	0.035	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	384000	5900	4.5	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	3.7	1.2	0.047	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.059 U	5.9	0.059	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	20.6	2.9	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	1180	12	0.83	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	85.4	12	0.14	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	5500	590	1.2	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	16.8	1.8	0.019	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.29	0.095	0.0021	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.2 B	4.7	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	92.2 B	590	1.6	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	23 U	48	23	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.070 U	1.2	0.070	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	2010	590	17	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.18 U	1.2	0.18	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	7.4	5.9	0.18	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	3.7 B	5.9	0.055	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	54.0	2.3	0.069	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

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Report of Analysis

Client Sample ID:	C03D-07C-06-0604		
Lab Sample ID:	F24685-7	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	98.2
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	711	20	0.67	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.1	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.0	0.51	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	8.4 B	20	0.051	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.51	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	255000	5100	3.9	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.6	1.0	0.041	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.096 B	5.1	0.051	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	7.9	2.5	0.045	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	757	10	0.72	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	28.4	10	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1670	510	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	23.3	1.5	0.016	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.19	0.082	0.0018	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.1 B	4.1	0.11	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	135 B	510	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.061 U	1.0	0.061	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	314 B	510	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.1	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.1	5.1	0.048	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	14.7	2.0	0.060	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

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Report of Analysis

Client Sample ID:	C03D-07C-12-0604		
Lab Sample ID:	F24685-8	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	97.6
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	726	21	0.69	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.3	0.52	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	7.7 B	21	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.52	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.42	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	262000	5200	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.5	1.0	0.042	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.088 B	5.2	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	5.2	2.6	0.046	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	593	10	0.74	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	25.1	10	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1630	520	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	23.0	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.062 B	0.085	0.0019	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	1.1 B	4.2	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	136 B	520	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.0	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	312 B	520	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	3.0 B	5.2	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.4	5.2	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	12.1	2.1	0.062	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

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Report of Analysis

Client Sample ID:	C03D-07C-24-0604		
Lab Sample ID:	F24685-9	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	92.4
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	279	22	0.73	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	1.7 B	6.6	0.17	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.6	0.55	0.31	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	22.5	22	0.055	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.033 U	0.55	0.033	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.55	0.44	0.033	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	368000	5500	4.2	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	5.1	1.1	0.044	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.18 B	5.5	0.055	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	55.0	2.8	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	1210	11	0.78	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	167	11	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1360	550	1.1	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	16.9	1.7	0.018	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.12	0.090	0.0020	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	2.3 B	4.4	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	56.0 B	550	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	22 U	44	22	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.066 U	1.1	0.066	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1130	550	16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.17 U	1.1	0.17	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	5.3 B	5.5	0.17	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	2.4 B	5.5	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	194	2.2	0.065	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

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Report of Analysis

Client Sample ID:	C03D-10C-06-0604		
Lab Sample ID:	F24685-4	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	93.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	272	21	0.69	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.9	0.52	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	9.7 B	21	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.52	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.42	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	393000	5200	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	2.4	1.0	0.042	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.052 U	5.2	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	11.9	2.6	0.046	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	350	10	0.74	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	20.9	10	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	909	520	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	5.5	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.023 B	0.089	0.0020	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.71 B	4.2	0.11	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	51.8 B	520	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.0	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1180	520	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.0	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.3 B	5.2	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.5 B	5.2	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	10.8	2.1	0.062	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

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Report of Analysis

Client Sample ID:	C03D-10C-12-0604		
Lab Sample ID:	F24685-5	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	93.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	119	21	0.70	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.9	0.53	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.9 B	21	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.42	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	427000	5300	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	2.0	1.1	0.042	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.053 U	5.3	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	1.5 B	2.6	0.046	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	216	11	0.75	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	9.2 B	11	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1350	530	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	7.4	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.025 B	0.091	0.0020	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.58 B	4.2	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	29.2 B	530	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.063 U	1.1	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	1030	530	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.25 B	1.1	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.4 B	5.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.7 B	5.3	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	2.8	2.1	0.062	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-10C-24-0604		
Lab Sample ID:	F24685-6	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	92.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	142	21	0.70	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.7	0.53	0.30	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.8 B	21	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.43	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	411000	5300	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	1.8	1.1	0.043	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.053 U	5.3	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	2.4 B	2.7	0.047	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	181	11	0.76	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	7.2 B	11	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1160	530	1.1	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	5.1	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.014 B	0.089	0.0020	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.58 B	4.3	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	31.7 B	530	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	824	530	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	4.7 B	5.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	1.4 B	5.3	0.050	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	3.1	2.1	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-11C-06-0604		
Lab Sample ID:	F24685-11	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	98.0
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	646	20	0.66	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	2.3 B	6.0	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	2.0	0.50	0.28	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	38.5	20	0.050	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.030 U	0.50	0.030	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.92	0.40	0.030	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	292000	5000	3.8	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	24.5	1.0	0.040	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.29 B	5.0	0.050	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	99.1	2.5	0.044	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	2300	10	0.71	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	613	10	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	2710	500	0.99	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	29.0	1.5	0.016	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.12	0.086	0.0019	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	4.7	4.0	0.11	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	98.0 B	500	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	20 U	40	20	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.097 B	1.0	0.060	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	938	500	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium [a]	1.5 U	2.0	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	6.3	5.0	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.7 B	5.0	0.047	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	176	2.0	0.059	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

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Report of Analysis

Client Sample ID:	C03D-11C-12-0604		
Lab Sample ID:	F24685-12	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	96.9
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	673	21	0.68	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.15 U	6.2	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.0	0.52	0.29	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	6.2 B	21	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.031 U	0.52	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.031 U	0.41	0.031	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	241000	5200	3.9	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.9	1.0	0.041	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.052 U	5.2	0.052	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.71 B	2.6	0.045	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	510	10	0.73	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	4.2 B	10	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1520	520	1.0	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	21.3	1.5	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0058 B	0.086	0.0019	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.92 B	4.1	0.11	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	115 B	520	1.4	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	40	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.062 U	1.0	0.062	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	235 B	520	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.15 U	1.0	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.8 B	5.2	0.15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	5.2	5.2	0.049	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	1.7 B	2.1	0.061	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	C03D-11C-24-0604		
Lab Sample ID:	F24685-13	Date Sampled:	06/08/04
Matrix:	SO - Soil	Date Received:	06/09/04
		Percent Solids:	96.1
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	636	21	0.70	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Antimony	0.16 U	6.4	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Arsenic	1.0	0.53	0.30	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Barium	5.9 B	21	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Beryllium	0.032 U	0.53	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cadmium	0.032 U	0.42	0.032	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Calcium	233000	5300	4.0	mg/kg	10	06/11/04	06/17/04	DM	SW846 6010B [3]	SW846 3050B [4]
Chromium	4.4	1.1	0.042	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Cobalt	0.053 U	5.3	0.053	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Copper	0.44 B	2.7	0.047	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Iron	479	11	0.75	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Lead	0.83 B	11	0.13	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Magnesium	1470	530	1.1	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Manganese	20.3	1.6	0.017	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Mercury	0.0055 B	0.087	0.0019	mg/kg	1	06/14/04	06/15/04	SM	SW846 7471A [2]	SW846 7471A [5]
Nickel	0.87 B	4.2	0.12	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Potassium	105 B	530	1.5	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Selenium [a]	21 U	44	21	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Silver	0.064 U	1.1	0.064	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Sodium	208 B	530	15	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Thallium	0.16 U	1.1	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Tin	2.7 B	5.3	0.16	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Vanadium	4.8 B	5.3	0.050	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]
Zinc	0.63 B	2.1	0.063	mg/kg	1	06/11/04	06/14/04	DM	SW846 6010B [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3841
(2) Instrument QC Batch: MA3842
(3) Instrument QC Batch: MA3848
(4) Prep QC Batch: MP6775
(5) Prep QC Batch: MP6779

(a) Elevated reporting limits due to matrix interference.

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	KWRB060804		
Lab Sample ID:	F24685-14	Date Sampled:	06/08/04
Matrix:	AQ - Equipment Blank	Date Received:	06/09/04
		Percent Solids:	n/a
Project:	NAS Key West/CTO 349; Key West, FL		

Metals Analysis

Analyte	Result	RL	IDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6.6 U	200	6.6	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Antimony	1.5 U	5.0	1.5	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Arsenic	2.8 U	10	2.8	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Barium	0.50 U	200	0.50	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Beryllium	0.30 U	4.0	0.30	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Cadmium	0.30 U	5.0	0.30	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Calcium	33.4 B	1000	3.8	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Chromium	0.40 U	10	0.40	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Cobalt	0.50 U	50	0.50	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Copper	0.44 U	25	0.44	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Iron	7.1 U	300	7.1	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Lead	1.3 B	5.0	1.2	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Magnesium	9.9 U	5000	9.9	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Manganese	0.16 U	15	0.16	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Mercury	0.022 U	1.0	0.022	ug/l	1	06/10/04	06/11/04	SM	SW846 7470A [1]	SW846 7470A [3]
Nickel	1.1 U	40	1.1	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Potassium	14 U	5000	14	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Selenium	2.0 U	10	2.0	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Silver	0.60 U	10	0.60	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Sodium	150 U	5000	150	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Thallium	1.5 U	10	1.5	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Tin	1.5 U	50	1.5	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Vanadium	0.47 U	50	0.47	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]
Zinc	1.9 B	20	0.59	ug/l	1	06/11/04	06/14/04	DM	SW846 6010B [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA3839
(2) Instrument QC Batch: MA3841
(3) Prep QC Batch: MP6772
(4) Prep QC Batch: MP6774

RL = Reporting Limit
IDL = Instrument Detection Limit

U = Indicates a result < IDL
B = Indicates a result > = IDL but < RL

ACCUTEST laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	KWRB060804		
Lab Sample ID:	F24685-14	Date Sampled:	06/08/04
Matrix:	AQ - Equipment Blank	Date Received:	06/09/04
		Percent Solids:	n/a
Project:	NAS Key West/CTO 349; Key West, FL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide, Total	< 0.010	0.010	mg/l	1	06/16/04	MCR	EPA 335.2

RL = Reporting Limit

ACCUTEST Laboratories

Percent Solids Raw Data Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24685-1 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-06C-06-0604

Wet Weight (Total)	6.52	g
Tare Weight	.95	g
Dry Weight (Total)	6.4	g
Solids, Percent	97.8	%

Sample: F24685-2 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-06C-12-0604

Wet Weight (Total)	6.89	g
Tare Weight	.98	g
Dry Weight (Total)	6.6	g
Solids, Percent	95.1	%

Sample: F24685-3 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-06C-24-0604

Wet Weight (Total)	5.33	g
Tare Weight	.97	g
Dry Weight (Total)	4.69	g
Solids, Percent	85.3	%

Sample: F24685-4 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-10C-06-0604

Wet Weight (Total)	6.1	g
Tare Weight	.98	g
Dry Weight (Total)	5.79	g
Solids, Percent	93.9	%

Sample: F24685-5 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-10C-12-0604

Wet Weight (Total)	5.25	g
Tare Weight	1.03	g
Dry Weight (Total)	4.96	g
Solids, Percent	93.1	%

Sample: F24685-6 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-10C-24-0604

Wet Weight (Total)	5.03	g
Tare Weight	.97	g
Dry Weight (Total)	4.71	g
Solids, Percent	92.1	%

Percent Solids Raw Data Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24685-7 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-07C-06-0604

Wet Weight (Total)	6.46	g
Tare Weight	.99	g
Dry Weight (Total)	6.36	g
Solids, Percent	98.2	%

Sample: F24685-8 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-07C-12-0604

Wet Weight (Total)	6.5	g
Tare Weight	.99	g
Dry Weight (Total)	6.37	g
Solids, Percent	97.6	%

Sample: F24685-9 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-07C-24-0604

Wet Weight (Total)	6.2	g
Tare Weight	.97	g
Dry Weight (Total)	5.8	g
Solids, Percent	92.4	%

Sample: F24685-10 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: KW-DUP-05-0604

Wet Weight (Total)	6.97	g
Tare Weight	.97	g
Dry Weight (Total)	6.77	g
Solids, Percent	96.7	%

Sample: F24685-11 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-11C-06-0604

Wet Weight (Total)	6.01	g
Tare Weight	.99	g
Dry Weight (Total)	5.91	g
Solids, Percent	98	%

Sample: F24685-12 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-11C-12-0604

Wet Weight (Total)	8.08	g
Tare Weight	1	g
Dry Weight (Total)	7.86	g
Solids, Percent	96.9	%

Percent Solids Raw Data Summary

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Sample: F24685-13 Analyzed: 11-JUN-04 by MCR Method: EPA 160.3 M
ClientID: C03D-11C-24-0604

Wet Weight (Total)	7.86	g
Tare Weight	.97	g
Dry Weight (Total)	7.59	g
Solids, Percent	96.1	%

7.4

7

ACCUTEST Laboratories

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG F24685

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
HG	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/10/2004	06/11/2004	2	1	3
M	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	MG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
M	MG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/17/2004	3	6	9
M	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/11/2004	06/14/2004	3	3	6
CN	MG/L	KWRB060804	F24685-14	NM	06/08/2004	06/16/2004	06/16/2004	8	0	8
PCS	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
PCS	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCS	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/11/2004	06/11/2004	3	0	3
OS	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	KWRB060804	F24685-14	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
OS	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/15/2004	06/16/2004	7	1	8
PCB	%	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	KWRB060804	F24685-14	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7
PCB	%	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	%	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-06-0604	F24685-7	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	KW-DUP-05-0604	F24685-10	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-24-0604	F24685-13	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-12-0604	F24685-12	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-11C-06-0604	F24685-11	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-24-0604	F24685-6	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-12-0604	F24685-5	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-10C-06-0604	F24685-4	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-12-0604	F24685-8	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-24-0604	F24685-3	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-12-0604	F24685-2	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-06C-06-0604	F24685-1	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/KG	C03D-07C-24-0604	F24685-9	NM	06/08/2004	06/14/2004	06/17/2004	6	3	9
PCB	UG/L	KWRB060804	F24685-14	NM	06/08/2004	06/14/2004	06/15/2004	6	1	7

#6

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24685

CLIENT INFORMATION

NAME: Emily McRae
ADDRESS: 900 Trail Ridge
CITY, STATE, ZIP: Aiken SC 29803
SEND REPORT TO:
PHONE #: 803 649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803 642-8454

ANALYTICAL INFORMATION

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	TAL Metals + Sn	TCL SVOCs	TCL PCBs	LAB USE ONLY
1	C03D-06C-06-0604	6/8/04	0940	GB	SO	3					X	X	X	X	
2	C03D-06C-12-0604		0940			3									
3	C03D-06C-24-0604		0940			3									
4	C03D-10C-06-0604		1050			3									
5	C03D-10C-12-0604		1050			3									
6	C03D-10C-24-0604		1050			3									
6	C03D-10C-24-0604MS		1050			3									
6	C03D-10C-24-0604MSD		1050			3									
7	C03D-07C-06-0604		1402			3									
8	C03D-07C-12-0604		1402			3									

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER 7 day

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

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. Gary Bergey	6/8/04	1. FED Ex	2. FED Ex	6/9/04 09:00	2. Jeff Mistroff
RELINQUISHED BY: 3.	DATE TIME:	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 2.2/1.8 C

3.1 3

F24685: Chain of Custody
Page 1 of 3

ACCUTEST Laboratories

#7

ACCUTEST

CHAIN OF CUSTODY

4405 VINELAND ROAD • SUITE C-15
ORLANDO, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

ACCUTEST JOB #:
ACCUTEST QUOTE #: F24685

CLIENT INFORMATION

NAME: Emily McRee
ADDRESS: 900 Trail Ridge Rd
CITY: Aiken STATE: SC ZIP: 29803
SEND REPORT TO:
PHONE #: 649-7963 344

FACILITY INFORMATION

PROJECT NAME: NAS Key West
LOCATION: Key West, Florida
PROJECT NO.: N0693 CTO 349
FAX #: 803 642-8454

ANALYTICAL INFORMATION

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	TAL Metal + Sn	TCL SVOC	TCL PCB	CN	LAB USE ONLY
9	C03D-07C-24-0604	6/8/04	1405	GB	SO	3					X	X	X	X		
10	KW-DUP-05-0604		0000			1								X		
11	C03D-01C-06-0604		1500			3						X	X	X		
12	C03D-11C-12-0604		1500			3										
13	C03D-11C-24-0604		1500			3										
14	KWRB060804	6/8/04	1530	BC	LIQ	4					X		X	X		
14	KWRB060804	6/8/04	1530	BC	LIQ	1			X			X				
14	KWRB060804	6/8/04	1530	BC	LIQ	1		X							X	

DATA TURNAROUND INFORMATION

- ☐ STANDARD
- ☐ 48 HOUR RUSH
- ☐ 24 HOUR EMERGENCY
- ☒ OTHER + day

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

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. Barry Bagley	6/8/04	1. FED Ex	2. FED Ex	6/9/04 08:00	2. Jeff Mistroff
RELINQUISHED BY: 3.	DATE TIME:	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 ____ C

3.1 3

F24685: Chain of Custody
Page 2 of 3

ACCUTEST Laboratories

Sample Summary

Tetra Tech, NUS

Job No: F24685

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24685-1	06/08/04	09:40 GB	06/09/04	SO	Soil	C03D-06C-06-0604
F24685-2	06/08/04	09:40 GB	06/09/04	SO	Soil	C03D-06C-12-0604
F24685-3	06/08/04	09:40 GB	06/09/04	SO	Soil	C03D-06C-24-0604
F24685-4	06/08/04	10:50 GB	06/09/04	SO	Soil	C03D-10C-06-0604
F24685-5	06/08/04	10:50 GB	06/09/04	SO	Soil	C03D-10C-12-0604
F24685-6	06/08/04	10:50 GB	06/09/04	SO	Soil	C03D-10C-24-0604
F24685-6D	06/08/04	10:50 GB	06/09/04	SO	Soil Dup/MSD	C03D-10C-24-0604
F24685-6S	06/08/04	10:50 GB	06/09/04	SO	Soil Matrix Spike	C03D-10C-24-0604
F24685-7	06/08/04	14:02 GB	06/09/04	SO	Soil	C03D-07C-06-0604
F24685-8	06/08/04	14:02 GB	06/09/04	SO	Soil	C03D-07C-12-0604
F24685-9	06/08/04	14:05 GB	06/09/04	SO	Soil	C03D-07C-24-0604
F24685-10	06/08/04	00:00 GB	06/09/04	SO	Soil	KW-DUP-05-0604
F24685-11	06/08/04	15:00 GB	06/09/04	SO	Soil	C03D-11C-06-0604

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

Sample Summary
(continued)

Tetra Tech, NUS

Job No: F24685

NAS Key West/CTO 349; Key West, FL
Project No: N0693-WR446(SS)

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
F24685-12	06/08/04	15:00 GB	06/09/04	SO	Soil	C03D-11C-12-0604
F24685-13	06/08/04	15:00 GB	06/09/04	SO	Soil	C03D-11C-24-0604
F24685-14	06/08/04	15:30 GB	06/09/04	AQ	Equipment Blank	KWRB060804

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

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611W1.PRN Date Analyzed: 06/11/04 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA3839 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Mercury	3.0	3.1	103.3	3.0	3.0	100.0	3.0	3.1	103.3

(*) Outside of QC limits
(anr) Analyte not requested

6.1.2 6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611W1.PRN Date Analyzed: 06/11/04 Methods: SW846 7470A
QC Limits: 90 to 110 % Recovery Run ID: MA3839 Units: ug/l

Metal	CCV True	CCV Results	% Rec
Mercury	3.0	3.0	100.0

(*) Outside of QC limits
(anr) Analyte not requested

6.1.2

6

ACCUTEST Laboratories

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	40000	40700	101.8	40000	40900	102.3	40000	40600	101.5
Antimony	2000	2020	101.0	2000	2030	101.5	2000	2020	101.0
Arsenic	2000	1960	98.0	2000	1970	98.5	2000	1950	97.5
Barium	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Beryllium	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Cadmium	2000	2050	102.5	2000	2070	103.5	2000	2070	103.5
Calcium	40000	41400	103.5	40000	41600	104.0	40000	41500	103.8
Chromium	2000	1970	98.5	2000	1980	99.0	2000	1980	99.0
Cobalt	2000	2000	100.0	2000	2020	101.0	2000	2010	100.5
Copper	2000	1940	97.0	2000	1940	97.0	2000	1940	97.0
Iron	40000	41300	103.3	40000	41700	104.3	40000	41300	103.3
Lead	2000	2030	101.5	2000	2040	102.0	2000	2030	101.5
Magnesium	40000	41200	103.0	40000	41400	103.5	40000	41200	103.0
Manganese	2000	2020	101.0	2000	2030	101.5	2000	2030	101.5
Molybdenum	anr								
Nickel	2000	2070	103.5	2000	2090	104.5	2000	2080	104.0
Potassium	40000	39000	97.5	40000	39000	97.5	40000	39100	97.8
Selenium	2000	2040	102.0	2000	2060	103.0	2000	2050	102.5
Silver	250	252	100.8	250	252	100.8	250	255	102.0
Sodium	40000	40200	100.5	40000	40200	100.5	40000	40100	100.3
Thallium	2000	1880	94.0	2000	1890	94.5	2000	1870	93.5
Tin	2000	2040	102.0	2000	2060	103.0	2000	2040	102.0
Vanadium	2000	2040	102.0	2000	2050	102.5	2000	2040	102.0
Zinc	2000	2000	100.0	2000	2040	102.0	2000	2020	101.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	40000	40400	101.0	40000	41000	102.5	40000	40900	102.3
Antimony	2000	1980	99.0	2000	1990	99.5	2000	1990	99.5
Arsenic	2000	1890	94.5	2000	1900	95.0	2000	1880	94.0
Barium	2000	2060	103.0	2000	2080	104.0	2000	2110	105.5
Beryllium	2000	2060	103.0	2000	2080	104.0	2000	2040	102.0
Cadmium	2000	2030	101.5	2000	2050	102.5	2000	2000	100.0
Calcium	40000	40800	102.0	40000	40800	102.0	40000	39800	99.5
Chromium	2000	1970	98.5	2000	1980	99.0	2000	1950	97.5
Cobalt	2000	1970	98.5	2000	1980	99.0	2000	1950	97.5
Copper	2000	1930	96.5	2000	1950	97.5	2000	1960	98.0
Iron	40000	40600	101.5	40000	40800	102.0	40000	40200	100.5
Lead	2000	2010	100.5	2000	2030	101.5	2000	1990	99.5
Magnesium	40000	40400	101.0	40000	40700	101.8	40000	40000	100.0
Manganese	2000	1990	99.5	2000	2000	100.0	2000	1980	99.0
Molybdenum	anr								
Nickel	2000	2030	101.5	2000	2040	102.0	2000	2010	100.5
Potassium	40000	38200	95.5	40000	38800	97.0	40000	39400	98.5
Selenium	2000	2010	100.5	2000	2040	102.0	2000	2020	101.0
Silver	250	256	102.4	250	259	103.6	250	258	103.2
Sodium	40000	39500	98.8	40000	40300	100.8	40000	40300	100.8
Thallium	2000	1830	91.5	2000	1860	93.0	2000	1840	92.0
Tin	2000	1980	99.0	2000	2000	100.0	2000	1970	98.5
Vanadium	2000	2020	101.0	2000	2030	101.5	2000	2020	101.0
Zinc	2000	1960	98.0	2000	1960	98.0	2000	1900	95.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3841 Units: ug/l

Metal	CCV True	CCV Results	% Rec
Aluminum	40000	41000	102.5
Antimony	2000	2030	101.5
Arsenic	2000	1940	97.0
Barium	2000	2100	105.0
Beryllium	2000	2080	104.0
Cadmium	2000	2070	103.5
Calcium	40000	40900	102.3
Chromium	2000	1980	99.0
Cobalt	2000	2010	100.5
Copper	2000	1960	98.0
Iron	40000	41200	103.0
Lead	2000	2040	102.0
Magnesium	40000	41100	102.8
Manganese	2000	2020	101.0
Molybdenum	anr		
Nickel	2000	2070	103.5
Potassium	40000	39400	98.5
Selenium	2000	2080	104.0
Silver	250	259	103.6
Sodium	40000	40500	101.3
Thallium	2000	1880	94.0
Tin	2000	2030	101.5
Vanadium	2000	2050	102.5
Zinc	2000	2000	100.0

(*) Outside of QC limits
(anr) Analyte not requested

6.2.3

6

ACCUTEST Laboratories

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20615S1.PRN Date Analyzed: 06/15/04 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA3842 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Mercury	3.0	2.9	96.7	3.0	2.8	93.3	3.0	2.9	96.7

(*) Outside of QC limits
(anr) Analyte not requested

6.3.2
6

ACCUTEST Laboratories

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20615S1.PRN Date Analyzed: 06/15/04 Methods: SW846 7471A
QC Limits: 90 to 110 % Recovery Run ID: MA3842 Units: ug/l

Metal	CCV True	CCV Results	% Rec
Mercury	3.0	2.9	96.7

(*) Outside of QC limits
(anr) Analyte not requested

6.3.2

6

ACCUTEST Laboratories

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3848 Units: ug/l

Metal	ICV True	ICV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	40800	102.0	40000	41300	103.3	40000	41500	103.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.4.3

6

ACCUTEST Laboratories

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3848 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	42500	106.3	40000	43000	107.5	40000	43100	107.8
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3848 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	40000	42800	107.0	40000	41900	104.8	40000	42200	105.5
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

6.4.3 6

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA3848 Units: ug/l

Metal	CCV True	CCV Results	% Rec	CCV True	CCV Results	% Rec
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	40000	42400	106.0	40000	42700	106.8
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	anr					
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

(*) Outside of QC limits
(anr) Analyte not requested

6.4.3
6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6772
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 06/10/04

Metal	RL	IDL	MB raw	final
Mercury	1.0	.022	-0.020	<1.0

Associated samples MP6772: F24685-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.5.1

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6774
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 06/11/04

Metal	RL	IDL	MB raw	final
Aluminum	200	6.6	-11	<200
Antimony	5.0	1.5	-2.6	<5.0
Arsenic	10	2.8	-4.4	<10
Barium	200	.5	-1.1	<200
Beryllium	4.0	.3	-1.1	<4.0
Cadmium	5.0	.3	-1.5	<5.0
Calcium	1000	3.8	-20	<1000
Chromium	10	.4	-1.5	<10
Cobalt	50	.5	-1.5	<50
Copper	25	.44	0.050	<25
Iron	300	7.1	-25	<300
Lead	5.0	1.2	1.8	<5.0
Magnesium	5000	9.9	-23	<5000
Manganese	15	.16	-1.2	<15
Molybdenum	50	.75	anr	
Nickel	40	1.1	-1.2	<40
Potassium	5000	14	-1.4	<5000
Selenium	10	2	-2.4	<10
Silver	10	.6	-0.85	<10
Sodium	5000	150	-150	<5000
Thallium	10	1.5	-2.5	<10
Tin	50	1.5	-0.40	<50
Vanadium	50	.47	-1.5	<50
Zinc	20	.59	-0.43	<20

Associated samples MP6774: F24685-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6775
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 06/11/04

Metal	RL	IDL	MB raw	final
Aluminum	20	.66	-4.2	<20
Antimony	6.0	.15	-0.27	<6.0
Arsenic	0.50	.28	-0.50	<0.50
Barium	20	.05	-0.11	<20
Beryllium	0.50	.03	-0.18	<0.50
Cadmium	0.40	.03	-0.15	<0.40
Calcium	500	.38	2.1	<500
Chromium	1.0	.04	-0.14	<1.0
Cobalt	5.0	.05	-0.15	<5.0
Copper	2.5	.044	-0.11	<2.5
Iron	10	.71	-2.4	<10
Lead	10	.12	0.13	<10
Magnesium	500	.99	-2.1	<500
Manganese	1.5	.016	-0.13	<1.5
Molybdenum	5.0	.075		
Nickel	4.0	.11	-0.15	<4.0
Potassium	500	1.4	-1.4	<500
Selenium	10	.2	-0.38	<10
Silver	1.0	.06	-0.040	<1.0
Sodium	500	15	-8.4	<500
Thallium	1.0	.15	-0.54	<1.0
Tin	5.0	.15	-0.16	<5.0
Vanadium	5.0	.047	-0.15	<5.0
Zinc	2.0	.059	-0.029	<2.0

Associated samples MP6775: F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-9, F24685-11, F24685-12, F24685-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.7.1

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

QC Batch ID: MP6779
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 06/14/04

Metal	RL	IDL	MB raw	final
Mercury	0.083	.0018	0.0024	<0.083

Associated samples MP6779: F24685-1, F24685-2, F24685-3, F24685-4, F24685-5, F24685-6, F24685-7, F24685-8, F24685-9, F24685-11, F24685-12, F24685-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.8.1

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611W1.PRN Date Analyzed: 06/11/04 Methods: SW846 7470A
QC Limits: result < RL Run ID: MA3839 Units: ug/l

Metal	RL	IDL	ICB raw	ICB final	CCB raw	CCB final	CCB raw	CCB final	CCB raw	CCB final
Mercury	1.0	.022	-0.032	<1.0	-0.029	<1.0	0.0010	<1.0	-0.028	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

6.1.1

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC
QC Limits: result < RL

Date Analyzed: 06/14/04
Run ID: MA3841

Methods: SW846 6010B
Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	-11	<200	35.0	<200	7.5	<200	-6.4	<200
Antimony	5.0	1.5	0.44	<5.0	-2.1	<5.0	0.92	<5.0	-2.3	<5.0
Arsenic	10	2.8	-1.2	<10	-3.0	<10	-2.4	<10	-5.3	<10
Barium	200	.5	-0.46	<200	-0.63	<200	-0.54	<200	-0.56	<200
Beryllium	4.0	.3	-0.52	<4.0	-0.53	<4.0	-0.67	<4.0	-1.2	<4.0
Cadmium	5.0	.3	-0.61	<5.0	-0.81	<5.0	-0.62	<5.0	-0.95	<5.0
Calcium	1000	3.8	-10	<1000	0.63	<1000	-7.6	<1000	-6.8	<1000
Chromium	10	.4	-0.76	<10	-0.67	<10	-0.50	<10	-0.96	<10
Cobalt	50	.5	-0.97	<50	-1.2	<50	-0.69	<50	-1.0	<50
Copper	25	.44	-0.55	<25	-0.47	<25	0.30	<25	0.12	<25
Iron	300	7.1	-11	<300	29.5	<300	27.8	<300	40.2	<300
Lead	5.0	1.2	1.4	<5.0	2.0	<5.0	1.9	<5.0	1.5	<5.0
Magnesium	5000	9.9	-9.2	<5000	-3.2	<5000	-11	<5000	-15	<5000
Manganese	15	.16	-0.62	<15	-0.74	<15	-0.73	<15	-0.74	<15
Molybdenum	50	.75	anr							
Nickel	40	1.1	-0.26	<40	-0.51	<40	-0.94	<40	-0.50	<40
Potassium	5000	14	14.0	<5000	-4.5	<5000	4.8	<5000	8.0	<5000
Selenium	10	2	-1.8	<10	-0.050	<10	-1.6	<10	-0.37	<10
Silver	10	.6	0.080	<10	-0.42	<10	-0.45	<10	-0.25	<10
Sodium	5000	150	10.8	<5000	-110	<5000	66.7	<5000	-73	<5000
Thallium	10	1.5	1.4	<10	0.030	<10	0.91	<10	-0.90	<10
Tin	50	1.5	-0.72	<50	2.3	<50	3.5	<50	5.4	<50
Vanadium	50	.47	-0.52	<50	-0.55	<50	-0.070	<50	-0.48	<50
Zinc	20	.59	-0.52	<20	-0.63	<20	-0.54	<20	-0.48	<20

(*) Outside of QC limits
(anr) Analyte not requested

6.2.2

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3841 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	-8.1	<200	-4.3	<200	3.1	<200
Antimony	5.0	1.5	-0.28	<5.0	-1.0	<5.0	-3.0	<5.0
Arsenic	10	2.8	-1.8	<10	-3.2	<10	-2.7	<10
Barium	200	.5	-0.52	<200	-0.65	<200	-0.69	<200
Beryllium	4.0	.3	-1.2	<4.0	-1.1	<4.0	-0.91	<4.0
Cadmium	5.0	.3	-0.82	<5.0	-1.0	<5.0	-0.90	<5.0
Calcium	1000	3.8	51.1	<1000	23.0	<1000	-6.9	<1000
Chromium	10	.4	-0.83	<10	-0.61	<10	-0.62	<10
Cobalt	50	.5	-0.89	<50	-0.91	<50	-0.89	<50
Copper	25	.44	0.32	<25	-0.14	<25	0.0	<25
Iron	300	7.1	44.1	<300	38.5	<300	35.6	<300
Lead	5.0	1.2	1.6	<5.0	0.86	<5.0	2.3	<5.0
Magnesium	5000	9.9	-11	<5000	-16	<5000	-15	<5000
Manganese	15	.16	-0.72	<15	-0.84	<15	-0.88	<15
Molybdenum	50	.75	anr					
Nickel	40	1.1	0.38	<40	-0.20	<40	-0.010	<40
Potassium	5000	14	-2.7	<5000	5.7	<5000	-2.9	<5000
Selenium	10	2	-2.8	<10	-1.7	<10	-2.2	<10
Silver	10	.6	0.43	<10	-0.090	<10	-0.050	<10
Sodium	5000	150	52.4	<5000	-5.0	<5000	-110	<5000
Thallium	10	1.5	0.62	<10	3.3	<10	0.0	<10
Tin	50	1.5	4.3	<50	4.3	<50	4.3	<50
Vanadium	50	.47	-0.20	<50	-0.24	<50	-0.20	<50
Zinc	20	.59	-0.51	<20	-0.44	<20	-0.72	<20

(*) Outside of QC limits
(anr) Analyte not requested

6.2.2
6

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20615S1.PRN Date Analyzed: 06/15/04 Methods: SW846 7471A
QC Limits: result < RL Run ID: MA3842 Units: ug/l

Metal	RL	IDL	ICB raw	ICB final	CCB raw	CCB final	CCB raw	CCB final	CCB raw	CCB final
Mercury	1.0	.022	0.021	<1.0	0.010	<1.0	0.026*	<1.0	0.021	<1.0

(*) Outside of QC limits
(anr) Analyte not requested

6.3.1

6

ACCUTEST Laboratories

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3848 Units: ug/l

Metal	RL	IDL	ICB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr							
Antimony	5.0	1.5	anr							
Arsenic	10	2.8	anr							
Barium	200	.5	anr							
Beryllium	4.0	.3	anr							
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	-9.6	<1000	-4.1	<1000	27.6	<1000	46.5	<1000
Chromium	10	.4	anr							
Cobalt	50	.5	anr							
Copper	25	.44	anr							
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75								
Nickel	40	1.1	anr							
Potassium	5000	14	anr							
Selenium	10	2	anr							
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5	anr							
Tin	50	1.5								
Vanadium	50	.47	anr							
Zinc	20	.59	anr							

(*) Outside of QC limits
(anr) Analyte not requested

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BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA3848 Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr							
Antimony	5.0	1.5	anr							
Arsenic	10	2.8	anr							
Barium	200	.5	anr							
Beryllium	4.0	.3	anr							
Cadmium	5.0	.3	anr							
Calcium	1000	3.8	1.0	<1000	1.5	<1000	-2.4	<1000	-2.2	<1000
Chromium	10	.4	anr							
Cobalt	50	.5	anr							
Copper	25	.44	anr							
Iron	300	7.1	anr							
Lead	5.0	1.2	anr							
Magnesium	5000	9.9	anr							
Manganese	15	.16	anr							
Molybdenum	50	.75								
Nickel	40	1.1	anr							
Potassium	5000	14	anr							
Selenium	10	2	anr							
Silver	10	.6	anr							
Sodium	5000	150	anr							
Thallium	10	1.5	anr							
Tin	50	1.5								
Vanadium	50	.47	anr							
Zinc	20	.59	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC
QC Limits: result < RL

Date Analyzed: 06/17/04
Run ID: MA3848

Methods: SW846 6010B
Units: ug/l

Metal	RL	IDL	CCB raw	final	CCB raw	final	CCB raw	final
Aluminum	200	6.6	anr					
Antimony	5.0	1.5	anr					
Arsenic	10	2.8	anr					
Barium	200	.5	anr					
Beryllium	4.0	.3	anr					
Cadmium	5.0	.3	anr					
Calcium	1000	3.8	-3.4	<1000	29.2	<1000	-3.5	<1000
Chromium	10	.4	anr					
Cobalt	50	.5	anr					
Copper	25	.44	anr					
Iron	300	7.1	anr					
Lead	5.0	1.2	anr					
Magnesium	5000	9.9	anr					
Manganese	15	.16	anr					
Molybdenum	50	.75						
Nickel	40	1.1	anr					
Potassium	5000	14	anr					
Selenium	10	2	anr					
Silver	10	.6	anr					
Sodium	5000	150	anr					
Thallium	10	1.5	anr					
Tin	50	1.5						
Vanadium	50	.47	anr					
Zinc	20	.59	anr					

(*) Outside of QC limits
(anr) Analyte not requested

6.4.2

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ACCUTEST Laboratories

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Analyte	Batch ID	RL	MB Result	Units	BSP %Recov	QC Limits
Cyanide, Total	GP5488/GN14808	0.010	<0.010	mg/l	90.5	79-124%

Associated Samples:
Batch GP5488: F24685-14

7.1

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ACCUTEST Laboratories

Instrument Detection Limits

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: LEEMANHG2 Effective Date: 08/26/02

Analyte	IDL ug/l
Mercury	.022

The above applies to the following instrument runs:
MA3839,MA3842

Instrument Detection Limits

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: TJATRACE1 Effective Date: 04/15/02

Analyte	IDL ug/l
Aluminum	6.6
Antimony	1.5
Arsenic	2.8
Barium	.5
Beryllium	.3
Cadmium	.3
Calcium	3.8
Chromium	.4
Cobalt	.5
Copper	.44
Iron	7.1
Lead	1.2
Magnesium	9.9
Manganese	.16
Molybdenum	.75
Nickel	1.1
Potassium	13.8
Selenium	2
Silver	.6
Sodium	145
Thallium	1.5
Tin	1.5
Vanadium	.47
Zinc	.59

The above applies to the following instrument runs:
MA3841,MA3848

Instrument Linear Ranges

Job Number: F24685
Account: TETRSCAI Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

Instrument ID: TJATRACE1 Effective Date: 10/03/03

Analyte	Linear Range ug/l
Aluminum	1000000
Antimony	100000
Arsenic	50000
Barium	100000
Beryllium	50000
Cadmium	50000
Calcium	500000
Chromium	100000
Cobalt	100000
Copper	100000
Iron	1000000
Lead	100000
Magnesium	1000000
Manganese	50000
Molybdenum	100000
Nickel	100000
Potassium	1000000
Selenium	100000
Silver	1000
Sodium	250000
Thallium	100000
Tin	100000
Vanadium	100000
Zinc	100000

The above applies to the following instrument runs:
MA3841,MA3848

MP 6275

Metals Digestion Log: Soil

Method of Digestion: SW846-3050B

Temp: 94° Thermometer ID 200

Balance ID 24007

Filter Lot 170051-001

Dig.Tube Lot# A311LS162

	HNO3	HCl	H2O2
Added:			
Mfg:	Fisher	Fisher	Fisher
Lot#	1103080	403101	024788

Sample #	Wt., g	Fin. Vol.	Date	Comments	Spk.Sol.*	Amount Used*
MB 6/11/04	.50	50 mL	6/11/04		1 Acc 333	.25ml
SB	.50				2 Acc 338	1.0 ml
MS F24685-6.6	.50			QC requested, rocky	3 Met 1203	.5ml
MSD	.49					
Dup	.49					
1 QC	.51					
2 F24685-1.3	.52					
3 -2.3	.50					
4 -3.1	.50					
5 -4.1	.51					
6 -5.3	.51					
7 -7.2	.50					
8 -8.2	.49					
9 -9.3	.49			rocky		
10 ~~-10.1~~	~~.49~~			~~LE 6/11~~		
11 -11.3	.51					
12 -12.2	.50					
13 -13.3	.49					
14 F24575-6.1	.52					
15 -7.1	.51					
16 -8.1	.50					
17 -9.1	.51			rocks, shells		
18 LE 6/11 -10 F24618-1.1	.50			wet		
19 F24696-7.5	.50			mottled soil		
20 F24618-2.1	.49					

Analyst [signature]

Date 6/11/04

QC Review [signature]

Date 6/11/04

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* Used For SB, MS, MSD

MI 6774

Metals Digestion Log: Water

Method of Digestion: SW846-3010A/3005A/EPA 200.7/3030C (CIRCLE ONE) Temp: 92° Thermometer ID 104

	HNO3	HCl	Spk. Sol.*	Amount Used*
Added:			1 Acc 333	.25 ml
			2 Acc 338	1.0 ml
			3 Met 1203	.5 ml
Mfg:	Fisher	Fisher		
Lot#	1103080	4103101	Digestion Tube Lot#	A311LS162

Sample #	Init. Vol/Wt	Fin. Vol/Wt	Date	Comments
MB 6/11/04	50 mL	50 ml	6/11/04	
SB ↓	↓	↓	↓	
MS F24542-1.15				
MSD				
Dup				
1 QC ↓				
2 F24542-2.15				
3 3.15				sediment
4 4.15				sediment
5 5.15				
6 6.15				
7 8.15				
8 9.15				sediment
9 10.15				
10 11.15				
11 12.15				
12 F24690-1.5				BUSH
13 ↓ -2.7				BUSH
14 F24685-14.6				use SFB SWFB
15 F24691-1.10				
16 ↓ -3.10				
17 F24548-1.3				
18 F24548 -3.3				sediment/solids floating suspended
19 F24701-1.7				odor, cloudy
20				6/11

Analyst [signature] Date 6/11/04

QC Review [signature] Date 6/11/04

Rev. 01/12/04 DJM Used For SB, MS, MSD Page Number:

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Mercury Digestion Log Water or Soil or TCLP
(circle one)

Method of Digestion: SW846-7470A/7471A/EPA245.1 (circle one) Temp., C: 95

Analyst: SSR Thermometer #: Mercury

Date/Time Started: 06/14/04 8:25 | 9:00 Date/Time Ended: 06/14/04 8:55 | 9:30

*Digest solid matrices for 30 mins., aqueous matrices for 2 Hours. MP# 6779

Reagents Added	HNO_3	HCL	H_2SO_4	$KMnO_4$	$K_2S_2O_8$	$SnCl_2$	H_3NOHCL
Manuf.	Fisher	Fisher	Fisher	Acros	Fisher	Acros	Acros
Lot#	1103080	4103101	N/A	MET 1209	N/A	B0106590	MET 1216
Dig.Tube Lot#	A311L5162						

Sample#	Wt.,g	Init.Vol.,mL	Final Vol.,mL	Comments
STD 1 0.10mL	0.60		50	
STD 2 0.5mL				
STD 3 1.5mL				
STD 4 2.5mL				
STD 5 3.0mL				
ICV				
ICB				
CRI				
CCV				
CCB				
Cal.Blank				
Method Blank				
Blank Spike				
MS F24685-6.6	0.61			
MSD	0.60			
Dup	0.62			
1QC	0.61			
2 F24685-1.3	0.59			
3 -2.3	0.59			
4 -3.1	0.62			
5 -4.1	0.60			
6 -5.3	0.59			
7 -7.2	0.62			
8 -8.2	0.60			
9 -9.3	0.60			
10 -11.3	0.59			
11 -12.2	0.60			
12 -13.3	0.60			
13 F24657-1.1	0.67			light bulb sample
14 -2.1	0.58			
15 -3.1	0.74			
16 F24597-9C.1	0.60			run / prepped out of hold time
17 -18C.1	0.65			
18				
19	SSR 06/14/04			
20				

Analysts Signature: Sherry Lee 06/14/04 Rev. Signature: [illegible] 6/14/04

10ppm int. met# 1211 100ppb(curve,bs,ms,msd,cri,ccv)met# 1213

10ppm 2nd met# 1212 100ppb 2nd(ICV) met# 1214

0718

Rev. 1/06/04 DM page# [illegible]

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611W1.PRN Date Analyzed: 06/11/04 Methods: SW846 7470A
Analyst: SM Run ID: MA3839
Parameters: Hg

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	13:07	MA3839-ICV1	1		
	13:09	MA3839-ICB1	1		
	13:11	MA3839-CRI1	1		
	13:12	MA3839-CCV1	1		
	13:14	MA3839-CCB1	1		
	13:17	MP6772-MB1	1		
	13:19	MP6772-B1	1		
	13:22	F24671-1	1		(sample used for QC only; not part of login F24685)
	13:23	MP6772-D1	1		
	13:25	MP6772-S1	1		
	13:27	MP6772-S2	1		
	13:29	ZZZZZZ	1		
	13:31	ZZZZZZ	1		
	13:33	ZZZZZZ	1		
	13:35	ZZZZZZ	1		
	13:37	MA3839-CCV2	1		
	13:40	MA3839-CCB2	1		
	13:42	F24685-14	1		
---------->	Last reportable sample/prep for job F24685				
	13:45	ZZZZZZ	1		
	13:47	ZZZZZZ	1		
	13:48	ZZZZZZ	1		
	13:50	ZZZZZZ	1		
	13:52	ZZZZZZ	1		
	13:54	ZZZZZZ	1		
	13:56	ZZZZZZ	1		
	13:58	ZZZZZZ	1		
	14:00	ZZZZZZ	1		
	14:01	MA3839-CCV3	1		
	14:03	MA3839-CCB3	1		
---------->	Last reportable CCB for job F24685				
	14:05	ZZZZZZ	1		
	14:07	ZZZZZZ	1		
	14:09	ZZZZZZ	1		
	14:11	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20611W1.PRN Date Analyzed: 06/11/04 Methods: SW846 7470A
Analyst: SM Run ID: MA3839
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:15	MP6773-MB1	1		
14:18	MP6773-MB2	1		
14:20	MP6773-B1	1		
14:22	MP6773-B2	1		
14:24	F24502-1	1		(sample used for QC only; not part of login F24685)
14:26	MA3839-CCV4	1		
14:28	MA3839-CCB4	1		
14:29	MP6773-D1	1		
14:31	MP6773-S1	1		
14:33	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:39	MA3839-CCV5	1		
14:41	MA3839-CCB5	1		

Refer to raw data for calibration curve and standards.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
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
09:07	MA3841-ICV1	1		
09:10	MA3841-ICB1	1		
09:12	MA3841-CRI1	1		
09:16	MA3841-ICSA1	1		
09:19	MA3841-ICSAB1	1		
09:22	MA3841-CCV1	1		
09:27	MA3841-CCB1	1		
09:30	MP6774-MB1	1		
09:34	MP6774-B1	1		
09:39	F24542-1	1		(sample used for QC only; not part of login F24685)
09:42	MP6774-D1	1		
09:46	MP6774-SD1	5		
09:49	MP6774-S1	1		
09:53	MP6774-S2	1		
09:57	ZZZZZZ	1		
10:01	ZZZZZZ	1		
10:04	ZZZZZZ	1		
10:08	MA3841-CCV2	1		
10:12	MA3841-CCB2	1		
10:21	ZZZZZZ	1		
10:24	ZZZZZZ	1		
10:28	ZZZZZZ	1		
10:31	ZZZZZZ	1		
10:35	ZZZZZZ	1		
10:38	ZZZZZZ	1		
10:42	ZZZZZZ	1		
10:45	ZZZZZZ	1		
10:49	ZZZZZZ	1		
10:52	F24685-14	1		
10:56	MA3841-CCV3	1		
11:00	MA3841-CCB3	1		
11:04	ZZZZZZ	1		
11:07	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
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
	11:11	ZZZZZZ	1		
	11:14	ZZZZZZ	1		
	11:18	ZZZZZZ	1		
	11:21	MP6775-MB1	1		
	11:25	MP6775-B1	1		
	11:30	F24685-6	1		
	11:34	MP6775-D1	1		
	11:37	MP6775-SD1	5		
	11:41	MA3841-CCV4	1		
	11:45	MA3841-CCB4	1		
	11:49	MP6775-S1	1		
	11:52	MP6775-S2	1		
	11:57	F24685-1	1		
	12:00	F24685-2	1		
	12:04	F24685-3	1		
	12:07	F24685-4	1		
	12:11	F24685-5	1		
	12:14	F24685-7	1		
	12:18	F24685-8	1		
	12:22	F24685-9	1		
	12:29	MA3841-CCV5	1		
	12:34	MA3841-CCB5	1		
	12:37	F24685-11	1		
	12:41	F24685-12	1		
	12:45	F24685-13	1		
---------->	Last reportable sample/prep for job F24685				
	12:48	ZZZZZZ	1		
	12:52	ZZZZZZ	1		
	12:55	ZZZZZZ	1		
	12:59	ZZZZZZ	1		
	13:02	ZZZZZZ	1		
	13:06	ZZZZZZ	1		
	13:09	ZZZZZZ	1		
	13:13	MA3841-CCV6	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
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
	13:17	MA3841-CCB6	1		
---------->	Last reportable CCB for job F24685				
	13:21	MP6776-MB1	1		
	13:24	MP6776-B1	1		
	13:30	F24694-2	1		(sample used for QC only; not part of login F24685)
	13:33	MP6776-D1	1		
	13:37	MP6776-SD1	5		
	13:40	MP6776-S1	1		
	13:44	MP6776-S2	1		
	13:48	ZZZZZZ	1		
	13:52	ZZZZZZ	1		
	13:55	ZZZZZZ	1		
	13:59	MA3841-CCV7	1		
	14:03	MA3841-CCB7	1		
	14:07	ZZZZZZ	1		
	14:10	ZZZZZZ	1		
	14:14	ZZZZZZ	1		
	14:17	ZZZZZZ	1		
	14:21	ZZZZZZ	1		
	14:24	ZZZZZZ	1		
	14:28	ZZZZZZ	1		
	14:32	ZZZZZZ	1		
	14:35	ZZZZZZ	1		
	14:39	ZZZZZZ	1		
	14:42	MA3841-CCV8	1		
	14:47	MA3841-CCB8	1		
	14:50	ZZZZZZ	1		
	14:54	ZZZZZZ	1		
	14:57	ZZZZZZ	1		
	15:01	ZZZZZZ	1		
	15:05	MA3841-CRI2	1		
	15:09	MA3841-CCV9	1		
	15:13	MA3841-CCB9	1		
	15:27	ZZZZZZ	40		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061404.ASC Date Analyzed: 06/14/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3841
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
15:30	ZZZZZZ	10		
15:34	ZZZZZZ	10		
15:37	ZZZZZZ	10		
15:40	ZZZZZZ	10		
15:43	ZZZZZZ	10		
15:46	ZZZZZZ	10		
15:49	ZZZZZZ	10		
15:53	MA3841-CCV10	1		
15:56	MA3841-CCB10	1		
15:59	ZZZZZZ	10		
16:02	ZZZZZZ	10		
16:05	ZZZZZZ	10		
16:08	ZZZZZZ	10		
16:11	ZZZZZZ	10		
16:15	ZZZZZZ	10		
16:18	ZZZZZZ	10		
08:52	MA3841-CCV11	1		
08:55	MA3841-CCB11	1		

Refer to raw data for calibration curve and standards.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: H20615S1.PRN Date Analyzed: 06/15/04 Methods: SW846 7471A
Analyst: SM Run ID: MA3842
Parameters: Hg

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:48	MA3842-ICV1	1		
09:51	MA3842-ICB1	1		
09:53	MA3842-CRI1	1		
09:54	MA3842-CCV1	1		
09:56	MA3842-CCB1	1		
09:58	MP6779-MB1	1		
10:00	MP6779-B1	1		
10:02	F24685-6	1		
10:04	MP6779-D1	1		
10:06	MP6779-S1	1		
10:08	MP6779-S2	1		
10:10	F24685-1	1		
10:12	F24685-2	1		
10:13	F24685-3	1		
10:16	F24685-4	1		
10:17	MA3842-CCV2	1		
10:19	MA3842-CCB2	1		
10:21	F24685-5	1		
10:22	F24685-7	1		
10:24	F24685-8	1		
10:27	F24685-9	1		
10:29	F24685-11	1		
10:30	F24685-12	1		
10:32	F24685-13	1		
---------->	Last reportable sample/prep for job F24685			
10:34	ZZZZZZ	1		
10:36	ZZZZZZ	1		
10:41	MA3842-CCV3	1		
10:43	MA3842-CCB3	1		
---------->	Last reportable CCB for job F24685			
10:44	ZZZZZZ	1		
10:53	ZZZZZZ	10		
10:56	ZZZZZZ	20		
10:57	MA3842-CCV4	1		
10:59	MA3842-CCB4	1		

Refer to raw data for calibration curve and standards.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3848
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:07	MA3848-ICV1	1		
09:11	MA3848-ICB1	1		
09:14	MA3848-CRI1	1		
09:17	MA3848-ICSA1	1		
09:20	MA3848-ICSAB1	1		
09:27	MA3848-CCV1	1		
09:31	MA3848-CCB1	1		
09:35	MP6793-MB1	1		
09:39	MP6793-B1	1		
09:44	F24784-2	1		(sample used for QC only; not part of login F24685)
09:47	MP6793-D1	1		
09:51	MP6793-SD1	5		
09:54	MP6793-S1	1		
09:58	MP6793-S2	1		
10:02	ZZZZZZ	1		
10:06	ZZZZZZ	1		
10:09	ZZZZZZ	1		
10:13	MA3848-CCV2	1		
10:17	MA3848-CCB2	1		
10:21	ZZZZZZ	1		
10:24	ZZZZZZ	1		
10:28	ZZZZZZ	1		
10:31	ZZZZZZ	1		
10:35	ZZZZZZ	1		
10:39	ZZZZZZ	1		
10:42	ZZZZZZ	1		
10:46	ZZZZZZ	1		
10:49	ZZZZZZ	1		
10:53	ZZZZZZ	1		
10:56	MA3848-CCV3	1		
11:01	MA3848-CCB3	1		
11:04	ZZZZZZ	1		
11:08	ZZZZZZ	1		

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Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3848
Parameters: Ca

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:11	ZZZZZZ	1		
11:15	ZZZZZZ	1		
11:18	ZZZZZZ	1		
11:22	ZZZZZZ	1		
11:25	MP6795-MB1	1		
11:29	MP6795-B1	1		
11:34	F23945-1R	1		(sample used for QC only; not part of login F24685)
11:38	MP6795-D1	1		
11:41	MA3848-CCV4	1		
11:46	MA3848-CCB4	1		
11:49	MP6795-SD1	5		
11:53	MP6795-S1	1		
11:56	MP6795-S2	1		
12:01	ZZZZZZ	1		
12:04	ZZZZZZ	1		
12:08	ZZZZZZ	1		
12:11	ZZZZZZ	1		
12:15	ZZZZZZ	1		
12:18	ZZZZZZ	1		
12:22	ZZZZZZ	1		
12:25	MA3848-CCV5	1		
12:30	MA3848-CCB5	1		
12:37	MP6795-MB2	1		
12:40	MP6795-B2	1		
12:45	MP6795-MB3	1		
12:48	MP6795-B3	1		
12:53	MA3848-CCV6	1		
12:57	MA3848-CCB6	1		
13:06	MP6784-MB1	1		
13:09	MP6784-B1	1		
13:15	F24564-1	1		(sample used for QC only; not part of login F24685)
13:18	MP6784-D1	1		
13:22	MP6784-SD1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC
Analyst: DM
Parameters: Ca

Date Analyzed: 06/17/04
Run ID: MA3848

Methods: SW846 6010B

Time	Sample Description	Dilution Factor	PS Recov	Comments
13:25	MP6784-S1	1		
13:29	MP6784-S2	1		
13:33	ZZZZZZ	1		
13:37	ZZZZZZ	1		
13:40	ZZZZZZ	1		
13:44	MA3848-CCV7	1		
13:48	MA3848-CCB7	1		
13:52	ZZZZZZ	1		
13:55	ZZZZZZ	1		
13:59	ZZZZZZ	1		
14:02	ZZZZZZ	1		
14:06	ZZZZZZ	1		
14:10	ZZZZZZ	1		
14:13	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:20	ZZZZZZ	1		
14:24	ZZZZZZ	1		
14:27	MA3848-CCV8	1		
14:32	MA3848-CCB8	1		
14:35	ZZZZZZ	1		
14:39	ZZZZZZ	1		
14:42	ZZZZZZ	1		
14:46	ZZZZZZ	1		
14:49	ZZZZZZ	1		
14:53	F24685-1	10		
14:56	F24685-2	10		
15:00	F24685-3	10		
15:04	F24685-4	10		
15:07	F24685-5	10		
15:11	MA3848-CCV9	1		
15:15	MA3848-CCB9	1		
15:19	F24685-6	10		
15:22	F24685-7	10		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F24685
Account: TETRSCAI - Tetra Tech, NUS
Project: NAS Key West/CTO 349; Key West, FL

File ID: IR061704.ASC Date Analyzed: 06/17/04 Methods: SW846 6010B
Analyst: DM Run ID: MA3848
Parameters: Ca

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	15:26	F24685-8	10		
	15:29	F24685-9	10		
	15:33	F24685-11	10		
	15:37	F24685-12	10		
	15:40	F24685-13	10		
---------->	Last reportable sample/prep for job F24685				
	15:44	ZZZZZZ	1		
	15:47	F24773-1	40		(sample used for QC only; not part of login F24685)
	15:52	MA3848-CRI2	1		
	15:55	MA3848-CCV10	1		
	16:00	MA3848-CCB10	1		
---------->	Last reportable CCB for job F24685				
	Refer to raw data for calibration curve and standards.				